



April 19, 2005

ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 4320  
370 SEBASTOPOL ROAD  
SANTA ROSA, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
JANAUARY THROUGH MARCH 2005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 4320, located at 370 Sebastopol Road, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan  
QMS Operations Manager

CC: Mr. Steve Meeks, Delta Environmental Consultants, Inc. (4 copies)

Enclosures  
20-0400/4320R06.QMS



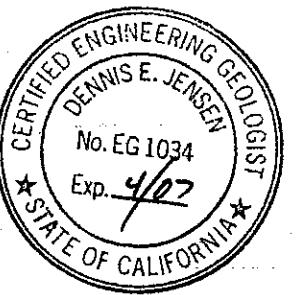
**QUARTERLY MONITORING REPORT  
JANUARY THROUGH MARCH 2005**

76 STATION 4320  
370 Sebastopol Road  
Santa Rosa, California

Prepared For:

Mr. Thomas H. Kosel  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations  
April 18, 2005

## LIST OF ATTACHMENTS

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Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**January 2005 through March 2005**  
**76 Station 4320**  
**370 Sebastopol Road**  
**Santa Rosa, CA**

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Project Coordinator: **Thomas Kosei** Water Sampling Contractor: **TRC**  
Telephone: **916-558-7666** Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **03/29/05**

**Sample Points**

Groundwater wells: **10** onsite, **4** offsite      Wells gauged: **12**      Wells sampled: **12**  
Purging method: **Diaphragm pump**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **0**      Type: **n/a**

**Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **0**      Maximum thickness (feet): **n/a**  
LPH removal frequency: **n/a**      Method: **n/a**  
Treatment or disposal of water/LPH: **n/a**

**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **4.33 feet**      Maximum: **6.15 feet**  
Average groundwater elevation (relative to available local datum): **138.32 feet**  
Average change in groundwater elevation since previous event: **3.76 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.01 ft/ft, west**  
Previous event: **0.002 ft/ft, west (12/13/04)**

**Selected Laboratory Results**

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Wells with detected <b>Benzene</b> :	<b>3</b>	Wells above MCL (1.0 µg/l):	<b>3</b>
		Maximum reported benzene concentration:	<b>41 µg/l (MW-6)</b>
Wells with <b>TPH-G</b>	<b>4</b>	Maximum:	<b>3,600 µg/l (MW-6)</b>
Wells with <b>MTBE</b>	<b>4</b>	Maximum:	<b>200 µg/l (MW-6)</b>

**Notes:**

MW-13=Paved over, MW-9=Car parked over well,

## TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

-	= not analyzed, measured, or collected
LPH	= liquid-phase hydrocarbons
Trace	= less than 0.01 foot of LPH in well
$\mu\text{g/l}$	= micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	= milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	= not detected at or above laboratory detection limit
TOC	= top of casing (surveyed reference elevation)

### ANALYTES

BTEX	= benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	= di-isopropyl ether
ETBE	= ethyl tertiary butyl ether
MTBE	= methyl tertiary butyl ether
PCB	= polychlorinated biphenyls
PCE	= tetrachloroethene
TBA	= tertiary butyl alcohol
TCA	= trichloroethane
TCE	= trichloroethene
TPH-G	= total petroleum hydrocarbons with gasoline distinction
TPH-D	= total petroleum hydrocarbons with diesel distinction
TPPH	= total purgeable petroleum hydrocarbons
TRPH	= total recoverable petroleum hydrocarbons
TAME	= tertiary amyl methyl ether
1,1-DCA	= 1,1-dichloroethane
1,2-DCA	= 1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	= 1,1-dichloroethene
1,2-DCE	= 1,2-dichloroethene (cis- and trans-)

### NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (D<sub>p</sub> x LPH Thickness), where D<sub>p</sub> is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 4320 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**March 29, 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
		(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
<b>MW-1</b>	03/29/05	144.20	5.76	0.00	138.44	3.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
<b>MW-2</b>	03/29/05	143.91	5.49	0.00	138.42	3.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
<b>MW-3</b>	03/29/05	144.23	5.89	0.00	138.34	3.87	1100	--	13	1.8	1.0	2.8	16	8.8
<b>MW-4</b>	03/29/05	144.64	6.15	0.00	138.49	3.92	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
<b>MW-5</b>	03/29/05	144.16	6.00	0.00	138.16	3.68	1400	--	25	5.8	ND<1.0	ND<1.0	140	150
<b>MW-6</b>	03/29/05	143.20	5.55	0.00	137.65	3.22	3600	--	41	ND<5.0	ND<5.0	9.5	200	130
<b>MW-7</b>	03/29/05	144.18	5.37	0.00	138.81	4.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
<b>MW-8</b>	03/29/05	144.79	5.75	0.00	139.04	3.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
<b>MW-9</b>	03/29/05	145.18	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
<b>MW-10</b>	03/29/05	142.69	4.48	0.00	138.21	3.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	18
<b>MW-11</b>	03/29/05	142.22	4.33	0.00	137.89	3.54	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>MW-12</b>	03/29/05	143.28	4.84	0.00	138.44	3.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--
<b>MW-13</b>														

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**March 29, 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
MW-13 continued 03/29/05	143.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
<b>MW-14</b> 03/29/05	142.77	4.85	0.00	137.92	3.96	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<5.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

MW-1	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl-benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
05/04/90	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
10/10/90	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
03/01/91	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
06/03/91	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/05/91	--	--	--	--	--	--	37	--	ND	ND	ND	ND	ND	--	--
12/09/91	--	--	--	--	--	--	90	--	4.1	ND	ND	1.7	--	--	--
03/12/92	--	--	--	--	--	--	81	--	2.2	ND	ND	4.8	--	--	--
06/13/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/21/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
12/09/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
01/09/93	144.45	6.68	0.00	137.77	--	--	--	--	--	--	--	--	--	--	--
02/04/93	144.45	9.84	0.00	134.61	-3.16	--	--	--	--	--	--	--	--	--	--
03/13/93	144.45	7.38	0.00	137.07	2.46	450	--	--	--	--	--	--	--	--	--
04/17/93	144.45	8.02	0.00	136.43	-0.64	--	--	--	--	--	--	--	--	--	--
05/15/93	144.45	9.18	0.00	135.27	-1.16	--	--	--	--	--	--	--	--	--	--
06/17/93	144.45	9.58	0.00	134.87	-0.40	ND	--	ND	ND	ND	ND	ND	ND	--	--
07/17/93	144.45	11.08	0.00	133.37	-1.50	--	--	--	--	--	--	--	--	--	--
08/14/93	144.45	11.90	0.00	132.55	-0.82	--	--	--	--	--	--	--	--	--	--
09/18/93	144.45	12.96	0.00	131.49	-1.06	ND	--	ND	ND	ND	ND	ND	ND	--	--
10/16/93	144.04	11.96	0.00	132.08	0.59	--	--	--	--	--	--	--	--	--	--
12/11/93	144.04	9.78	0.00	134.26	2.18	ND	--	ND	ND	ND	ND	ND	ND	--	--
03/12/94	144.04	8.20	0.00	135.84	1.58	ND	--	ND	ND	ND	ND	ND	ND	--	--
06/11/94	144.04	10.46	0.00	133.58	-2.26	ND	--	ND	ND	ND	ND	ND	ND	--	--
09/17/94	144.04	13.67	0.00	130.37	-3.21	ND	--	ND	ND	ND	ND	ND	ND	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
12/17/94	144.04	8.60	0.00	135.44	5.07	ND	—	ND	ND	ND	ND	—	—	
03/18/95	144.04	5.19	0.00	138.85	3.41	ND	—	ND	ND	ND	ND	—	—	
06/24/95	144.04	9.25	0.00	134.79	-4.06	ND	—	ND	ND	ND	ND	—	—	
09/23/95	144.04	12.25	0.00	131.79	-3.00	ND	—	ND	ND	ND	ND	—	—	
12/16/95	144.04	8.98	0.00	135.06	3.27	ND	—	ND	ND	ND	ND	ND	—	
03/23/96	144.04	6.93	0.00	137.11	2.05	ND	—	ND	ND	ND	ND	ND	—	
06/29/96	144.04	9.47	0.00	134.57	-2.54	—	—	—	—	—	—	—	—	SAMPLED SEMI-ANNUALLY
09/28/96	144.04	12.25	0.00	131.79	-2.78	ND	—	ND	ND	ND	ND	ND	ND	
12/07/96	144.04	10.18	0.00	133.86	2.07	—	—	—	—	—	—	—	—	
03/29/97	144.04	8.30	0.00	135.74	1.88	ND	—	ND	ND	ND	ND	ND	ND	
06/28/97	144.04	11.22	0.00	132.82	-2.92	—	—	—	—	—	—	—	—	
09/27/97	144.04	13.36	0.00	130.68	-2.14	ND	—	ND	ND	ND	ND	ND	ND	
12/29/97	144.04	8.54	0.00	135.50	4.82	—	—	—	—	—	—	—	—	
03/17/98	144.04	5.79	0.00	138.25	2.75	ND	—	ND	ND	ND	ND	ND	ND	
06/18/98	144.04	8.11	0.00	135.93	-2.32	—	—	—	—	—	—	—	—	
09/16/98	144.04	11.58	0.00	132.46	-3.47	ND	—	ND	ND	ND	ND	ND	ND	
12/30/98	144.04	9.55	0.00	134.49	2.03	—	—	—	—	—	—	—	—	
03/18/99	144.04	6.34	0.00	137.70	3.21	ND	—	ND	ND	ND	ND	ND	ND	
06/16/99	144.04	9.68	0.00	134.36	-3.34	—	—	—	—	—	—	—	—	
09/23/99	144.04	12.78	0.00	131.26	-3.10	ND	—	ND	ND	ND	ND	ND	ND	
12/23/99	144.04	11.84	0.00	132.20	0.94	—	—	—	—	—	—	—	—	
03/31/00	144.04	7.22	0.00	136.82	4.62	ND	—	ND	ND	ND	ND	ND	ND	
06/15/00	144.04	9.62	0.00	134.42	-2.40	ND	—	ND	ND	ND	ND	ND	ND	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date	TOC Sampled	Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
MW-1 continued															
09/22/00	144.04	12.81	0.00	131.23	-3.19	ND	-	-	ND	ND	ND	ND	ND	-	Sampled Semi-Annually
12/21/00	144.04	11.74	0.00	132.30	-	-	-	-	-	-	-	-	-	-	
03/15/01	144.04	7.41	0.00	136.63	4.33	ND	-	-	ND	ND	ND	ND	ND	-	
06/14/01	144.04	11.17	0.00	132.87	-3.76	-	-	-	-	-	-	-	-	-	
09/11/01	144.20	13.53	0.00	130.67	-2.20	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	
10/16/01	144.20	14.12	0.00	130.08	-0.59	-	-	-	-	-	-	-	-	-	
11/13/01	144.20	12.11	0.00	132.09	2.01	-	-	-	-	-	-	-	-	-	
12/11/01	144.20	7.01	0.00	137.19	5.10	-	-	-	-	-	-	-	-	-	
01/15/02	144.20	6.95	0.00	137.25	0.06	-	-	-	-	-	-	-	-	-	
02/12/02	144.20	7.25	0.00	136.95	-0.30	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	-
03/12/02	144.20	6.86	0.00	137.34	0.39	-	-	-	-	-	-	-	-	-	
04/16/02	144.20	8.48	0.00	135.72	-1.62	-	-	-	-	-	-	-	-	-	
05/14/02	144.20	9.49	0.00	134.71	-1.01	-	-	-	-	-	-	-	-	-	
06/11/02	144.20	10.30	0.00	133.90	-0.81	-	-	-	-	-	-	-	-	-	
07/16/02	144.20	11.80	0.00	132.40	-1.50	-	-	-	-	-	-	-	-	-	
08/13/02	144.20	12.57	0.00	131.63	-0.77	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	-
09/10/02	144.20	13.37	0.00	130.83	-0.80	-	-	-	-	-	-	-	-	-	
12/10/02	144.20	12.29	0.00	131.91	1.08	-	-	-	-	-	-	-	-	-	
03/12/03	144.20	7.71	0.00	136.49	4.58	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	-
06/11/03	144.20	8.97	0.00	135.23	-1.26	-	-	-	-	-	-	-	-	-	
09/10/03	144.20	12.11	0.00	132.09	-3.14	-	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	-	ND<2.0	
12/10/03	144.20	10.34	0.00	133.86	1.77	-	-	-	-	-	-	-	-	-	Monitored Only
03/23/04	144.20	7.45	0.00	136.75	2.89	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-	
06/22/04	144.20	10.77	0.00	133.43	-3.32	-	-	-	-	-	-	-	-	-	Monitored Only

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
MW-1 continued														
09/28/04	144.20	13.48	0.00	130.72	-2.71	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<5.0	ND	--	
12/13/04	144.20	9.75	0.00	134.45	3.73	--	--	--	--	--	--	ND	--	
03/29/05	144.20	5.76	0.00	138.44	3.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND	--	
MW-2														
05/04/90	--	--	--	--	--	68	--	ND	1.1	ND	ND	--	--	
10/10/90	--	--	--	--	--	ND	--	ND	1.4	ND	ND	--	--	
03/01/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
D 06/03/91	--	--	--	--	0.00	ND	--	ND	ND	ND	ND	--	--	
09/05/91	--	--	--	--	--	100	--	ND	ND	ND	ND	--	--	
12/09/91	--	--	--	--	--	310	--	5.4	ND	2.2	0.32	--	--	
03/12/92	--	--	--	--	--	100	--	0.64	ND	ND	5.4	--	--	
06/13/92	--	--	--	--	--	120	--	ND	ND	ND	ND	--	--	
09/21/92	--	--	--	--	--	130	--	ND	ND	ND	ND	290	--	
12/09/92	--	--	--	--	--	190	--	ND	ND	ND	ND	790	--	
01/09/93	144.10	6.34	--	137.76	--	--	--	--	--	--	--	--	--	
02/04/93	144.10	9.46	--	134.64	-3.12	--	--	--	--	--	--	--	--	
03/13/93	144.10	6.89	--	137.21	2.57	630	--	ND	ND	ND	ND	78	--	
04/17/93	144.10	7.64	--	136.46	-0.75	--	--	--	--	--	--	--	--	
05/15/93	144.10	8.77	--	135.33	-1.13	--	--	--	--	--	--	--	--	
06/17/93	144.10	9.30	--	134.80	-0.53	ND	--	ND	ND	ND	ND	65	--	
07/17/93	144.10	10.67	--	133.43	-1.37	--	--	--	--	--	--	--	--	
08/14/93	144.10	11.50	--	132.60	-0.83	--	--	--	--	--	--	--	--	
09/18/93	144.10	12.59	--	131.51	-1.09	ND	--	ND	ND	ND	ND	62	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-2 continued</b>														
10/16/93	143.77	11.71	--	132.06	0.55	--	--	--	--	--	--	--	--	--
12/11/93	143.77	9.54	--	134.23	2.17	ND	--	ND	ND	ND	ND	--	--	--
03/12/94	143.77	7.84	--	135.93	1.70	ND	--	ND	ND	ND	ND	--	--	--
06/11/94	143.77	10.10	--	133.67	-2.26	ND	--	ND	ND	ND	ND	--	--	--
09/17/94	143.77	13.33	--	130.44	-3.23	56	--	ND	ND	ND	ND	--	--	--
12/17/94	143.77	8.31	--	135.46	5.02	ND	--	ND	ND	ND	ND	--	--	--
03/18/95	143.77	4.77	--	139.00	3.54	ND	--	ND	ND	ND	ND	--	--	--
06/24/95	143.77	8.90	--	134.87	-4.13	ND	--	ND	ND	ND	ND	--	--	--
09/23/95	143.77	11.93	--	131.84	-3.03	ND	--	ND	ND	ND	ND	--	--	--
12/16/95	143.77	8.75	--	135.02	3.18	ND	--	0.96	0.77	ND	ND	1.1	16	--
03/23/96	143.77	6.51	--	137.26	2.24	ND	--	ND	ND	ND	ND	--	--	--
06/29/96	143.77	9.11	--	134.66	-2.60	--	--	--	--	ND	ND	ND	ND	--
09/28/96	143.77	11.92	--	131.85	-2.81	ND	--	ND	ND	ND	ND	ND	ND	--
12/07/96	143.77	9.87	--	133.90	2.05	--	--	--	--	ND	ND	ND	ND	--
03/29/97	143.77	7.68	--	136.09	2.19	ND	--	ND	ND	ND	ND	ND	ND	--
06/28/97	143.77	10.83	--	132.94	-3.15	--	--	--	--	ND	ND	ND	ND	--
09/27/97	143.77	12.97	--	130.80	-2.14	ND	--	ND	ND	ND	ND	ND	ND	--
12/29/97	143.77	8.12	--	135.65	4.85	--	--	--	--	ND	ND	ND	ND	5.4
03/17/98	143.77	5.11	--	138.66	3.01	ND	--	ND	ND	ND	ND	ND	ND	--
06/18/98	143.77	7.38	--	136.39	-2.27	--	--	--	--	ND	ND	ND	ND	--
09/16/98	143.77	11.22	--	132.55	-3.84	ND	--	ND	ND	ND	ND	ND	ND	--
12/30/98	143.77	9.18	--	134.59	2.04	--	--	--	--	ND	ND	ND	ND	--
03/18/99	143.77	5.87	--	137.90	3.31	ND	--	ND	ND	ND	ND	ND	3	--
06/16/99	143.77	9.28	--	134.49	-3.41	--	--	--	--	ND	ND	ND	ND	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-2 continued</b>														
09/23/99	143.77	12.41	--	131.36	-3.13	ND	--	ND	ND	ND	ND	2.6	--	
12/23/99	143.77	11.47	--	132.30	0.94	--	--	--	--	--	--	--	--	
03/31/00	143.77	6.71	--	137.06	4.76	ND	--	ND	ND	ND	ND	--	--	
06/15/00	143.77	9.24	--	134.53	2.53	ND	--	ND	ND	ND	ND	3	ND	
12/20/00	143.77	12.26	--	131.51	--	ND	--	ND	ND	ND	ND	--	--	
12/21/00	143.77	11.32	--	132.45	0.94	--	--	--	--	--	--	--	--	
03/15/01	143.77	6.87	--	136.90	4.45	ND	--	ND	ND	ND	ND	--	--	
06/14/01	143.77	10.61	--	133.16	-3.74	--	--	--	--	--	--	--	--	
09/11/01	143.91	13.18	--	130.73	-2.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
10/16/01	143.91	13.76	--	130.15	-0.58	--	--	--	--	--	--	--	--	
11/13/01	143.91	11.81	--	132.10	1.95	--	--	--	--	--	--	--	--	
12/11/01	143.91	6.73	--	137.18	5.08	--	--	--	--	--	--	--	--	
01/15/02	143.91	6.70	--	137.21	0.03	--	--	--	--	--	--	--	--	
02/12/02	143.91	6.85	--	137.06	-0.15	190	--	2.9	4.6	0.76	2.2	3.2	--	
03/12/02	143.91	6.39	--	137.52	0.46	--	--	--	--	--	--	--	--	
04/16/02	143.91	8.07	--	135.84	-1.68	--	--	--	--	--	--	--	--	
05/14/02	143.91	9.11	--	134.80	-1.04	--	--	--	--	--	--	--	--	
06/11/02	143.91	9.92	--	133.99	-0.81	--	--	--	--	--	--	--	--	
07/16/02	143.91	11.37	--	132.54	-1.45	--	--	--	--	--	--	--	--	
08/13/02	143.91	12.17	--	131.74	-0.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/10/02	143.91	12.95	--	130.96	-0.78	--	--	--	--	--	--	--	--	
12/10/02	143.91	12.06	--	131.85	0.89	--	--	--	--	--	--	--	--	
03/12/03	143.91	7.32	--	136.59	4.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
06/11/03	143.91	8.57	--	135.34	-1.25	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-2 continued</b>														
09/10/03	143.91	12.05	0.00	131.86	-3.48	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0	Monitored Only
12/10/03	143.91	10.10	0.00	133.81	1.95	--	--	--	--	--	--	--	--	--
03/23/04	143.91	6.97	0.00	136.94	3.13	--	--	--	--	--	--	--	--	Monitored Only
06/22/04	143.91	10.45	0.00	133.46	-3.48	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	143.91	13.10	0.00	130.81	-2.65	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--	Sampled Semi-Annually
12/13/04	143.91	9.42	0.00	134.49	3.68	--	--	--	--	--	--	--	--	--
03/29/05	143.91	5.49	0.00	138.42	3.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
<b>MW-3</b>														
05/04/90	--	--	--	--	--	35000	--	310	ND	60	3700	--	--	--
10/10/90	--	--	--	--	--	29000	--	240	18	1800	3300	--	--	--
03/01/91	--	--	--	--	--	22000	--	120	94	920	1800	--	--	--
06/03/91	--	--	--	--	--	18000	--	95	4.9	660	1400	--	--	--
09/05/91	--	--	--	--	--	16000	--	97	ND	1200	1500	--	--	--
12/09/91	--	--	--	--	--	4000	--	14	2.6	190	150	--	--	--
03/12/92	--	--	--	--	--	5300	--	140	24	500	720	--	--	--
06/13/92	--	--	--	--	--	9900	--	92	8.6	510	330	--	--	--
09/21/92	--	--	--	--	--	10000	--	130	ND	300	610	--	--	--
12/09/92	--	--	--	--	--	11000	--	82	ND	36	60	--	--	--
01/09/93	144.38	6.59	0.00	137.79	--	--	--	--	--	--	--	--	--	--
02/04/93	144.38	9.66	0.00	134.72	-3.07	--	--	--	--	--	--	--	--	--
03/13/93	144.38	6.83	0.00	137.55	2.83	8300	--	21	ND	180	140	3500	--	--
04/17/93	144.38	7.69	0.00	136.69	-0.86	--	--	--	--	--	--	--	--	--
05/15/93	144.38	8.77	0.00	135.61	-1.08	--	--	--	--	--	--	--	--	--
06/17/93	144.38	9.35	0.00	135.03	-0.58	9200	--	39	ND	170	110	10000	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

MW-3 continued	Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8260B	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
07/17/93 144.38	144.38	10.70	0.00	133.68	-1.35	--	--	--	--	--	--	--	--	--
08/14/93 144.38	144.38	11.61	0.00	132.77	-0.91	--	--	--	--	--	--	--	--	--
09/18/93 144.12	144.12	12.66	0.00	131.46	-1.31	9900	--	68	ND	350	590	--	--	--
10/16/93 144.12	144.12	12.14	0.00	131.98	0.52	--	--	--	--	--	--	--	--	--
12/11/93 144.12	144.12	9.57	0.00	134.55	2.57	1500	--	ND	5.5	5.4	5.4	--	--	--
03/12/94 144.12	144.12	7.90	0.00	136.22	1.67	11000	--	32	ND	330	400	--	--	--
06/11/94 144.12	144.12	10.13	0.00	133.99	-2.23	5000	--	ND	ND	110	73	--	--	--
09/17/94 144.12	144.12	13.61	0.00	130.51	-3.48	16000	--	150	31	720	820	--	--	--
12/17/94 144.12	144.12	8.39	0.00	135.73	5.22	7600	--	ND	ND	320	290	--	--	--
03/18/95 144.12	144.12	--	--	--	--	--	--	--	--	--	--	--	--	--
06/24/95 144.12	144.12	8.77	0.00	135.35	--	10000	--	26	21	370	360	--	--	--
09/23/95 144.12	144.12	11.84	0.00	132.28	-3.07	1300	--	ND	ND	44	9.7	--	--	--
12/16/95 144.12	144.12	9.03	0.00	135.09	2.81	5400	--	22	3.6	220	4.2	120	--	--
03/23/96 144.12	144.12	6.31	0.00	137.81	2.72	9000	--	12	29	380	460	81	--	--
06/29/96 144.12	144.12	9.11	0.00	135.01	-2.80	6400	--	17	8.3	150	140	66	--	--
09/28/96 144.12	144.12	11.95	0.00	132.17	-2.84	3000	--	9.7	24	99	60	140	--	--
12/07/96 144.12	144.12	9.98	0.00	134.14	1.97	4200	--	11	ND	65	33	73	--	--
03/29/97 144.12	144.12	7.91	0.00	136.21	2.07	310	--	0.94	0.5	4.6	7	ND	--	--
06/28/97 144.12	144.12	10.88	0.00	133.24	-2.97	3200	--	5.8	ND	67	54	270	--	--
09/27/97 144.12	144.12	12.80	0.00	131.32	-1.92	500	--	3.3	ND	4	2.9	500	--	--
12/29/97 144.12	144.12	8.14	0.00	135.98	4.66	7400	--	11	14	180	160	180	--	--
03/17/98 144.12	144.12	5.24	0.00	138.88	2.90	400	--	0.82	0.64	1.7	19	8.3	--	--
06/18/98 144.12	144.12	7.73	0.00	136.39	-2.49	1700	--	3.2	ND	4.8	9.5	ND	5.4	ND
09/16/98 144.12	144.12	11.21	0.00	132.91	-3.48	5200	--	ND	ND	100	ND	ND	ND	ND

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-3 continued</b>														
12/30/98	144.12	9.22	0.00	134.90	1.99	4600	--	13	ND	45	33	21	10	
03/18/99	144.12	5.78	0.00	138.34	3.44	5500	--	28	3.3	130	130	39	ND	
06/16/99	144.12	9.27	0.00	134.85	-3.49	4400	--	10	ND	26	33	ND	ND	
09/23/99	144.12	12.39	0.00	131.73	-3.12	1000	--	2.4	2.7	5.4	ND	ND	2.7	
12/23/99	144.12	11.50	0.00	132.62	0.89	5700	--	23	ND	97	120	ND	5.7	
03/31/00	144.12	6.52	0.00	137.60	4.98	3900	--	11	ND	130	160	ND	3.7	
06/15/00	144.12	9.14	0.00	134.98	-2.62	6900	--	ND	ND	62	83	ND	2.0	
09/22/00	144.12	12.27	0.00	131.85	-3.13	570	--	ND	ND	ND	ND	ND	ND	
12/21/00	144.12	11.30	0.00	132.82	--	2300	--	8.4	ND	14	11	ND	4.8	
03/15/01	144.12	6.77	0.00	137.35	4.53	197	--	ND	0.537	ND	1.06	ND	ND	
06/14/01	144.12	10.71	0.00	133.41	-3.94	2000	--	22	2.7	30	5.8	ND	ND	
09/11/01	144.23	13.35	0.00	130.88	-2.53	490	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
10/16/01	144.23	13.98	0.00	130.25	-0.63	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<20	2.6	
11/13/01	144.23	12.48	0.00	131.75	1.50	750	--	--	--	--	--	--	--	
12/11/01	144.23	7.42	0.00	136.81	5.06	--	--	--	--	--	--	--	--	
01/15/02	144.23	7.41	0.00	136.82	0.01	--	--	--	--	--	--	--	--	
02/12/02	144.23	6.74	0.00	137.49	0.67	2300	--	5.6	ND<5.0	51	43	56	ND<2.0	
03/12/02	144.23	6.57	0.00	137.66	0.17	--	--	--	--	--	--	--	--	
04/16/02	144.23	8.11	0.00	136.12	-1.54	--	--	--	--	--	--	--	--	
05/14/02	144.23	9.04	0.00	135.19	-0.93	290	--	2.6	ND<0.50	0.8	2.2	ND<5.0	ND<2.0	
06/11/02	144.23	9.95	0.00	134.28	-0.91	--	--	--	--	--	--	--	--	
07/16/02	144.23	11.49	0.00	132.74	-1.54	--	--	--	--	--	--	--	--	
08/13/02	144.23	12.10	0.00	132.13	-0.61	770	--	ND<2.5	3.9	2.8	ND<2.5	32	ND<2.0	
09/10/02	144.23	12.98	0.00	131.25	-0.88	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-3 continued</b>														
12/10/02	144.23	12.46	0.00	131.77	0.52	1400	--	ND<5.0	ND<5.0	7.9	ND<5.0	ND<2.0	ND<2.0	
03/12/03	144.23	7.21	0.00	137.02	5.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/11/03	144.23	8.45	0.00	135.78	-1.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	16	27	
09/10/03	144.23	11.82	0.00	132.41	-3.37	--	950	ND<5.0	ND<5.0	9.8	67	--	600	
12/10/03	144.23	10.96	0.00	133.27	0.86	890	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	600	870	
03/23/04	144.23	6.85	0.00	137.38	4.11	660	--	ND<5.0	ND<5.0	6.3	7.3	ND<50	25	
06/22/04	144.23	10.51	0.00	133.72	-3.66	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	43	
09/28/04	144.23	13.32	0.00	130.91	-2.81	1200	--	ND<5.0	ND<5.0	ND<5.0	ND<50	53		
12/13/04	144.23	9.76	0.00	134.47	3.56	780	--	ND<2.5	ND<2.5	4.1	ND<2.5	27	23	
03/29/05	144.23	5.89	0.00	138.34	3.87	1100	--	13	1.8	1.0	2.8	16	8.8	
<b>MW-4</b>														
05/04/90	--	--	--	--	--	240	--	ND	0.61	0.5	2	--	--	
10/10/90	--	--	--	--	--	490	--	7.6	ND	0.64	0.52	--	--	
03/01/91	--	--	--	--	0.00	790	--	3	ND	3.1	4.7	--	--	
D 03/01/91	--	--	--	--	--	840	--	2.9	0.16	3.5	5.9	--	--	
06/03/91	--	--	--	--	--	690	--	4.3	2.4	0.6	8.5	--	--	
09/05/91	--	--	--	--	--	390	--	0.98	ND	ND	8.8	--	--	
12/09/91	--	--	--	--	--	1000	--	1.6	0.95	ND	8.4	--	--	
03/12/92	--	--	--	--	--	160	--	2.2	3.1	ND	0.67	--	--	
06/13/92	--	--	--	--	--	340	--	8.4	0.4	ND	1.7	--	--	
09/21/92	--	--	--	--	--	520	--	12	ND	ND	ND	--	--	
12/09/92	--	--	--	--	--	3500	--	13	ND	ND	15	--	--	
01/09/93	144.79	6.71	0.00	138.08	--	--	--	--	--	--	--	--	--	
02/04/93	144.79	10.11	0.00	134.68	-3.40	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
03/13/93	144.79	7.28	0.00	137.51	2.83	1600	--	2.1	0.62	0.53	2.6	ND	--	
04/17/93	144.79	8.09	0.00	136.70	-0.81	--	--	--	--	--	--	--	--	
05/15/93	144.79	9.30	0.00	135.49	-1.21	--	--	--	--	--	--	--	--	
06/17/93	144.79	9.70	0.00	135.09	-0.40	610	--	6.2	1.9	ND	ND	8.7	--	
07/17/93	144.79	11.28	0.00	133.51	-1.58	--	--	--	--	--	--	--	--	
08/14/93	144.79	12.09	0.00	132.70	-0.81	--	--	--	--	--	--	--	--	
09/18/93	144.79	13.21	0.00	131.58	-1.12	580	--	--	19	ND	8.4	0.73	9.9	--
10/16/93	144.51	12.27	0.00	132.24	0.66	--	--	--	--	--	--	--	--	
12/11/93	144.51	10.20	0.00	134.31	2.07	720	--	1.9	1.1	ND	1.3	--	--	
03/12/94	144.51	8.48	0.00	136.03	1.72	1300	--	7	ND	ND	ND	--	--	
06/11/94	144.51	10.74	0.00	133.77	-2.26	800	--	7.6	ND	1.1	ND	--	--	
09/17/94	144.51	14.05	0.00	130.46	-3.31	380	--	2.8	0.78	ND	0.69	--	--	
12/17/94	144.51	8.76	0.00	135.75	5.29	2100	--	8.4	ND	2.9	6.9	--	--	
03/18/95	144.51	5.24	0.00	139.27	3.52	1000	--	8.7	ND	ND	ND	--	--	
06/24/95	144.51	9.47	0.00	135.04	-4.23	270	--	0.59	0.54	ND	0.65	--	--	
09/23/95	144.51	12.62	0.00	131.89	-3.15	450	--	2.1	ND	ND	ND	--	--	
12/16/95	144.51	9.00	0.00	135.51	3.62	350	--	ND	ND	ND	0.54	ND	--	
03/23/96	144.51	6.85	0.00	137.66	2.15	830	--	1.7	6.4	1.3	ND	ND	--	
06/29/96	144.51	9.75	0.00	134.76	-2.90	580	--	4	1.4	ND	ND	ND	--	
09/28/96	144.51	12.56	0.00	131.95	-2.81	77	--	ND	ND	ND	0.6	ND	--	
12/07/96	144.51	10.31	0.00	134.20	2.25	190	--	0.65	0.73	ND	0.77	ND	--	
03/29/97	144.51	8.54	0.00	135.97	1.77	150	--	2.6	ND	ND	ND	--	--	
06/28/97	144.51	11.56	0.00	132.95	-3.02	79	--	ND	ND	ND	ND	--	--	
09/27/97	144.51	13.75	0.00	130.76	-2.19	57	--	2.5	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date	TOC Sampled	Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethy- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
MW-4 continued															
12/29/97	144.51	8.77	0.00	135.74	4.98	360	--	0.56	0.99	ND	ND	ND	ND	--	
03/17/98	144.51	5.98	0.00	138.53	2.79	400	--	3.9	1.5	0.54	ND	ND	3	--	
06/18/98	144.51	8.51	0.00	136.00	-2.53	ND	--	ND	ND	ND	ND	ND	ND	--	
09/16/98	144.51	11.91	0.00	132.60	-3.40	300	--	1.8	ND	ND	ND	ND	ND	--	
12/30/98	144.51	9.82	0.00	134.69	2.09	85	--	1.6	ND	ND	ND	ND	ND	--	
03/18/99	144.51	6.32	0.00	138.19	3.50	840	--	5.3	2.4	ND	ND	ND	8.8	--	
06/16/99	144.51	9.89	0.00	134.62	-3.57	950	--	16	2.6	1.2	1.7	7.7	--		
09/23/99	144.51	13.14	0.00	131.37	-3.25	250	--	ND	ND	ND	ND	ND	4.9	--	
12/23/99	144.51	12.23	0.00	132.28	0.91	50	--	ND	ND	ND	ND	ND	ND	--	
03/31/00	144.51	7.18	0.00	137.33	5.05	59	--	ND	ND	ND	ND	ND	ND	--	
06/15/00	144.51	9.88	0.00	134.63	-2.70	110	--	ND	ND	ND	ND	ND	ND	--	
09/22/00	144.51	13.01	0.00	131.50	-3.13	100	--	ND	ND	ND	ND	ND	ND	--	
12/21/00	144.51	11.85	0.00	132.66	--	ND	--	ND	ND	ND	ND	ND	ND	--	
03/15/01	144.51	7.38	0.00	137.13	4.47	250	--	ND	ND	ND	ND	ND	ND	--	
06/14/01	144.51	11.34	0.00	133.17	-3.96	120	--	ND	ND	ND	ND	ND	ND	--	
09/11/01	144.64	13.87	0.00	130.77	-2.40	190	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	
10/16/01	144.64	14.50	0.00	130.14	-0.63	--	--	--	--	--	--	--	--	--	
11/13/01	144.64	12.29	0.00	132.35	2.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	
12/11/01	144.64	7.15	0.00	137.49	5.14	--	--	--	--	--	--	--	--	--	
01/15/02	144.64	7.09	0.00	137.55	0.06	--	--	--	--	--	--	--	--	--	
02/12/02	144.64	7.32	0.00	137.32	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	
03/12/02	144.64	6.90	0.00	137.74	0.42	--	--	--	--	--	--	--	--	--	
04/16/02	144.64	8.54	0.00	136.10	-1.64	--	--	--	--	--	--	--	--	--	
05/14/02	144.64	9.56	0.00	135.08	-1.02	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-4 continued</b>														
06/11/02	144.64	10.43	0.00	134.21	-0.87	--	--	--	--	--	--	--	--	--
07/16/02	144.64	11.98	0.00	132.66	-1.55	--	--	--	--	--	--	--	--	--
08/13/02	144.64	12.78	0.00	131.86	-0.80	170	--	ND<0.50	0.68	ND<0.50	ND<0.50	ND<2.5	--	--
09/10/02	144.64	13.66	0.00	130.98	-0.88	--	--	--	--	--	--	--	--	--
12/10/02	144.64	12.72	0.00	131.92	0.94	77	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
03/12/03	144.64	7.91	0.00	136.73	4.81	66	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
06/11/03	144.64	9.18	0.00	135.46	-1.27	97	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
09/10/03	144.64	12.48	0.00	132.16	-3.30	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
12/10/03	144.64	10.79	0.00	133.85	1.69	88	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
03/23/04	144.64	7.50	0.00	137.14	3.29	--	--	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
06/22/04	144.64	11.07	0.00	133.57	-3.57	73	--	ND<0.3	2.8	ND<0.3	ND<0.6	1.3	--	--
09/28/04	144.64	13.82	0.00	130.82	-2.75	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
12/13/04	144.64	10.07	0.00	134.57	3.75	69	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
03/29/05	144.64	6.15	0.00	138.49	3.92	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
<b>MW-5</b>														
10/10/90	--	--	--	--	--	3300	--	13	7.5	25	14	--	--	--
03/01/91	--	--	--	--	--	3900	--	33	8.6	58	22	--	--	--
06/03/91	--	--	--	--	--	5000	--	150	26	220	120	--	--	--
09/05/91	--	--	--	--	--	2900	--	21	0.44	60	64	--	--	--
12/09/91	--	--	--	--	--	6100	--	160	14	57	200	--	--	--
03/12/92	--	--	--	--	--	3100	--	77	9.4	93	64	--	--	--
06/13/92	--	--	--	--	--	3400	--	32	3.6	26	54	--	--	--
09/21/92	--	--	--	--	--	3600	--	11	ND	37	24	--	--	--
12/09/92	--	--	--	--	--	2700	--	ND	ND	ND	16	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
01/09/93	144.38	6.53	0.00	137.85	-	-	-	-	-	-	-	-	-	-
02/04/93	144.38	9.38	0.00	135.00	-2.85	-	-	-	-	-	-	-	-	-
03/13/93	144.38	6.90	0.00	137.48	2.48	4100	-	18	1.4	21	7.4	-	-	-
04/17/93	144.38	7.71	0.00	136.67	0.81	-	-	-	-	-	-	-	-	-
05/15/93	144.38	8.68	0.00	135.70	-0.97	-	-	-	-	-	-	-	-	-
06/17/93	144.38	9.28	0.00	135.10	-0.60	1100	-	ND	ND	ND	ND	-	-	-
07/17/93	144.38	10.65	0.00	133.73	-1.37	-	-	-	-	-	-	-	-	-
08/14/93	144.38	11.52	0.00	132.86	-0.87	-	-	-	-	-	-	-	-	-
09/18/93	144.38	12.65	0.00	131.73	-1.13	5200	-	28	ND	36	28	-	-	-
10/16/93	144.09	11.85	0.00	132.24	0.51	-	-	-	-	-	-	-	-	-
12/11/93	144.09	9.56	0.00	134.53	2.29	890	-	ND	ND	21	ND	17	-	-
03/12/94	144.09	7.89	0.00	136.20	1.67	4000	-	24	ND	26	ND	-	-	-
06/11/94	144.09	10.12	0.00	133.97	-2.23	5100	-	19	ND	53	46	-	-	-
09/17/94	144.09	13.42	0.00	130.67	-3.30	5600	-	49	14	12	22	-	-	-
12/17/94	144.09	8.37	0.00	135.72	5.05	4000	-	21	ND	50	35	-	-	-
03/18/95	144.09	5.15	0.00	138.94	3.22	3900	-	42	ND	33	25	-	-	-
06/24/95	144.09	8.80	0.00	135.29	-3.65	1200	-	27	ND	26	13	-	-	-
09/23/95	144.09	11.90	0.00	132.19	-3.10	1200	-	ND	ND	13	6.9	--	--	--
12/16/95	144.09	8.84	0.00	135.25	3.06	3700	-	ND	4.2	30	20	920	-	-
03/23/96	144.09	6.49	0.00	137.60	2.35	1800	-	21	29	28	17	570	-	-
06/29/96	144.09	9.10	0.00	134.99	-2.61	1100	-	37	6.3	37	24	780	-	-
09/28/96	144.09	11.97	0.00	132.12	-2.87	1400	-	ND	25	12	11	910	-	-
12/07/96	144.09	9.93	0.00	134.16	2.04	1300	-	14	ND	6.6	5.1	480	-	-
03/29/97	144.09	7.92	0.00	136.17	2.01	1400	-	36	ND	12	9.1	390	-	-

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-5 continued</b>														
06/28/97	144.09	10.90	0.00	133.19	-2.98	1300	--	23	6.5	7.3	14	470	--	
09/27/97	144.09	13.01	0.00	131.08	-2.11	1900	--	26	7	6.4	12	530	--	
12/29/97	144.09	8.16	0.00	135.93	4.85	1900	--	8.4	ND	ND	6.4	290	--	
03/17/98	144.09	5.28	0.00	138.81	2.88	ND	--	ND	ND	ND	ND	50	--	
06/18/98	144.09	7.81	0.00	136.28	-2.53	ND	--	ND	ND	ND	ND	9.9	22	
09/16/98	144.09	11.76	0.00	132.33	-3.95	280	--	4	1.2	1.4	1.6	150	190	
12/30/98	144.09	9.24	0.00	134.85	2.52	68	--	0.58	ND	ND	ND	ND	71	2.1
03/18/99	144.09	6.10	0.00	137.99	3.14	1100	--	27	ND	ND	ND	8.3	110	76
06/16/99	144.09	9.27	0.00	134.82	-3.17	960	--	33	ND	ND	ND	ND	160	110
09/23/99	144.09	12.51	0.00	131.58	-3.24	1300	--	3.6	2.7	ND	ND	3.3	180	182
12/23/99	144.09	11.60	0.00	132.49	0.91	4000	--	8.3	16	ND	ND	19	160	120
03/31/00	144.09	6.73	0.00	137.36	4.87	1000	--	6	3.8	3	4.1	88	75	
06/15/00	144.09	9.21	0.00	134.88	-2.48	1000	--	20	ND	ND	4.6	6.2	110	76
09/22/00	144.09	12.35	0.00	131.74	-3.14	1100	--	18	ND	ND	ND	ND	180	110
12/21/00	144.09	11.80	0.00	132.29	--	1300	--	14	3.5	2.4	4.9	86	98	
03/15/01	144.09	6.87	0.00	137.22	4.93	133	--	ND	ND	ND	ND	ND	32.3	42.8
06/14/01	144.09	10.75	0.00	133.34	-3.88	87	--	ND	ND	ND	ND	ND	46	58
09/11/01	144.16	13.26	0.00	130.90	-2.44	110	--	5.7	ND<0.50	ND<0.50	ND<0.50	57	75	
10/16/01	144.16	13.93	0.00	130.23	-0.67	--	--	--	--	--	--	--	--	--
11/13/01	144.16	12.13	0.00	132.03	1.80	1600	--	28	4.1	3.9	ND<2.0	100	140	
12/11/01	144.16	7.04	0.00	137.12	5.09	--	--	--	--	--	--	--	--	--
01/15/02	144.16	7.02	0.00	137.14	0.02	--	--	--	--	--	--	--	--	--
02/12/02	144.16	6.93	0.00	137.23	0.09	610	--	2.5	3.1	3.7	1.7	32	24	
03/12/02	144.16	6.68	0.00	137.48	0.25	--	--	--	--	--	--	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

	Date	TOC Sampled	Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
<b>MW-5 continued</b>																
04/16/02	144.16	8.17	0.00	135.99	-1.49	--	--	--	--	--	--	--	--	--	--	
05/14/02	144.16	9.08	0.00	135.08	-0.91	60	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	21	20		
06/11/02	144.16	9.96	0.00	134.20	-0.88	--	--	--	--	--	--	--	--	--		
07/16/02	144.16	11.52	0.00	132.64	-1.56	--	--	--	--	--	--	--	--	--		
08/13/02	144.16	12.22	0.00	131.94	-0.70	1100	--	13	9.3	10	14	110	88			
09/10/02	144.16	13.05	0.00	131.11	-0.83	--	--	--	--	--	--	--	--	--		
12/10/02	144.16	12.33	0.00	131.83	0.72	2400	--	16	ND<5.0	5.1	ND<5.0	73	51			
03/12/03	144.16	7.35	0.00	136.81	4.98	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.7	6.3		
06/11/03	144.16	8.59	0.00	135.57	-1.24	90	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	180		
09/10/03	144.16	11.84	0.00	132.32	-3.25	--	ND<250	2.5	ND<2.5	ND<2.5	ND<5.0	ND<5.0	--	350		
12/10/03	144.16	10.53	0.00	133.63	1.31	1600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	350	400		
03/23/04	144.16	7.01	0.00	137.15	3.52	1200	--	9.6	ND<5.0	6.9	ND<5.0	ND<5.0	230	240		
06/22/04	144.16	10.51	0.00	133.65	-3.50	760	--	23	29	7.0	9.5	190	180			
09/28/04	144.16	13.25	0.00	130.91	-2.74	2300	--	39	ND<5.0	ND<5.0	ND<5.0	ND<5.0	130	250		
12/13/04	144.16	9.68	0.00	134.48	3.57	980	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	150	180		
03/29/05	144.16	6.00	0.00	138.16	3.68	1400	--	25	5.8	ND<1.0	ND<1.0	ND<1.0	140	150		
<b>MW-6</b>																
10/10/90	--	--	--	--	--	3800	--	80	7.4	78	34	--	--	--		
03/01/91	--	--	--	--	--	4600	--	81	5.2	120	38	--	--	--		
06/03/91	--	--	--	--	--	4500	--	170	3.8	220	90	--	--	--		
09/05/91	--	--	--	--	--	4700	--	93	5.6	120	27	--	--	--		
D 09/05/91	--	--	--	--	--	4300	--	110	12	120	30	--	--	--		
12/09/91	--	--	--	--	--	9300	--	210	22	860	770	--	--	--		
03/12/92	--	--	--	--	--	5400	--	190	19	390	240	--	--	--		

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

MW-6 continued	Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
06/13/92	--	--	--	--	--	--	5700	--	130	16	130	68	--	--	--
09/21/92	--	--	--	--	--	--	4200	--	41	4.6	64	30	--	--	--
12/09/92	--	--	--	--	--	--	3800	--	64	ND	32	15	--	--	--
01/09/93	143.57	5.35	0.00	138.22	--	--	--	--	--	--	--	--	--	--	--
02/04/93	143.57	8.55	0.00	135.02	-3.20	--	--	--	--	--	--	--	--	--	--
03/13/93	143.57	6.06	0.00	137.51	2.49	7000	--	81	ND	290	130	140	--	--	--
04/17/93	143.57	6.90	0.00	136.67	-0.84	--	--	--	--	--	--	--	--	--	--
05/15/93	143.57	7.85	0.00	135.72	-0.95	--	--	--	--	--	--	--	--	--	--
06/17/93	143.57	8.98	0.00	134.59	-1.13	5100	--	67	ND	130	59	1700	--	--	--
07/17/93	143.57	9.80	0.00	133.77	-0.82	--	--	--	--	--	--	--	--	--	--
08/14/93	143.57	10.68	0.00	132.89	-0.88	--	--	--	--	--	--	--	--	--	--
09/18/93	143.57	11.77	0.00	131.80	-1.09	6200	--	63	ND	ND	ND	ND	1400	--	--
10/16/93	143.13	11.15	0.00	131.98	0.18	--	--	--	--	--	--	--	--	--	--
12/11/93	143.13	8.75	0.00	134.38	2.40	1400	--	ND	5.2	ND	ND	ND	--	--	--
03/12/94	143.13	6.85	0.00	136.28	1.90	3400	--	47	ND	26	10	--	--	--	--
06/11/94	143.13	9.14	0.00	133.99	-2.29	5600	--	24	ND	26	ND	ND	--	--	--
09/17/94	143.13	12.35	0.00	130.78	-3.21	4000	--	47	12	16	15	--	--	--	--
12/17/94	143.13	7.42	0.00	135.71	4.93	2800	--	10	ND	14	ND	--	--	--	--
03/18/95	143.13	4.18	0.00	138.95	3.24	9100	--	110	11	440	440	--	--	--	--
06/24/95	143.13	7.83	0.00	135.30	-3.65	4400	--	120	ND	260	170	--	--	--	--
09/23/95	143.13	10.90	0.00	132.23	-3.07	3400	--	41	ND	63	20	--	--	--	--
12/16/95	143.13	7.98	0.00	135.15	2.92	2700	--	ND	3.8	28	8.7	1500	--	--	--
03/23/96	143.13	5.55	0.00	137.58	2.43	3900	--	64	23	260	140	1000	--	--	--
06/29/96	143.13	8.15	0.00	134.98	-2.60	2200	--	75	5.8	18	6.9	1100	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
09/28/96	143.13	11.02	0.00	132.11	-2.87	3300	--	38	11	17	25	1400	--	
12/07/96	143.13	9.04	0.00	134.09	1.98	2100	--	42	ND	ND	ND	1000	--	
03/29/97	143.13	6.94	0.00	136.19	2.10	3500	--	32	9.2	86	34	810	--	
06/28/97	143.13	9.95	0.00	133.18	-3.01	2800	--	41	ND	9.9	11	620	--	
09/27/97	143.13	11.95	0.00	131.18	-2.00	4000	--	23	ND	28	38	870	--	
12/29/97	143.13	7.17	0.00	135.96	4.78	2600	--	22	9.8	ND<1	13	670	--	
03/17/98	143.13	4.39	0.00	138.74	2.78	5900	--	93	14	360	370	310	--	
06/18/98	143.13	6.74	0.00	136.39	-2.35	340	--	5.2	0.82	17	2.9	38	500	
09/16/98	143.13	10.32	0.00	132.81	-3.58	2500	--	58	25	29	29	750	890	
12/30/98	143.13	8.27	0.00	134.86	2.05	2700	--	39	13	7.3	10	710	520	
03/18/99	143.13	5.15	0.00	137.98	3.12	3300	--	16	12	100	74	300	190	
06/16/99	143.13	8.33	0.00	134.80	-3.18	2700	--	13	9.1	ND	15	330	230	
09/23/99	143.13	11.48	0.00	131.65	-3.15	3300	--	44	15	ND	ND	330	246	
12/23/99	143.13	10.62	0.00	132.51	0.86	2200	--	25	11	ND	ND	310	320	
03/31/00	143.13	5.78	0.00	137.35	4.84	3000	--	16	7.4	120	42	180	130	
06/15/00	143.13	8.25	0.00	134.88	-2.47	3100	--	18	12	21	14	200	510	
09/22/00	143.13	11.37	0.00	131.76	-3.12	2200	--	29	5.8	ND	ND	240	150	
12/21/00	143.13	10.35	0.00	132.78	--	1900	--	38	8.3	6.1	14	250	150	
03/15/01	143.13	5.97	0.00	137.16	4.38	2750	--	46.5	9.86	9.48	5.13	199	143	
06/14/01	143.13	9.77	0.00	133.36	-3.80	3600	--	62	11	8.4	ND	200	140	
09/11/01	143.20	12.23	0.00	130.97	-2.39	2900	--	59	12	6.3	3.4	160	100	
10/16/01	143.20	12.87	0.00	130.33	-0.64	--	--	--	--	--	--	--	--	
11/13/01	143.20	11.58	0.00	131.62	1.29	3000	--	ND<5.0	5.8	ND<5.0	ND<5.0	190	160	
12/11/01	143.20	6.53	0.00	136.67	5.05	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-6 continued</b>														
01/15/02	143.20	6.55	0.00	136.65	-0.02	--	--	--	--	--	--	--	--	--
02/12/02	143.20	5.98	0.00	137.22	0.57	1400	--	ND<10	ND<10	37	19	95	59	
03/12/02	143.20	5.70	0.00	137.50	0.28	--	--	--	--	--	--	--	--	
04/16/02	143.20	7.08	0.00	136.12	-1.38	--	--	--	--	--	--	--	--	
05/14/02	143.20	8.11	0.00	135.09	-1.03	3200	--	8.3	11	ND<5.0	5.2	85	82	
06/11/02	143.20	9.02	0.00	134.18	-0.91	--	--	--	--	--	--	--	--	
07/16/02	143.20	10.49	0.00	132.71	-1.47	--	--	--	--	--	--	--	--	
08/13/02	143.20	11.22	0.00	131.98	-0.73	1900	--	15	9.1	8.7	ND<5.0	200	83	
09/10/02	143.20	12.06	0.00	131.14	-0.84	--	--	--	--	--	--	--	--	
12/10/02	143.20	11.49	0.00	131.71	0.57	2600	--	ND<10	ND<10	ND<10	ND<10	110	68	
03/12/03	143.20	6.30	0.00	136.90	5.19	2000	--	13	ND<2.5	22	9.1	41	31	
06/11/03	143.20	7.43	0.00	135.77	-1.13	1500	--	14	3.0	7.0	7.0	39	74	
09/10/03	143.20	10.86	0.00	132.34	-3.43	--	3400	4.8	ND<2.5	ND<2.5	ND<5.0	--	180	
12/10/03	143.20	9.66	0.00	133.54	1.20	1600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	57	
03/23/04	143.20	5.95	0.00	137.25	3.71	3100	--	37	ND<5.0	22	5.9	190	190	
06/22/04	143.20	9.57	0.00	133.63	-3.62	78	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	96	130	
09/28/04	143.20	12.21	0.00	130.99	-2.64	3500	--	7.6	ND<5.0	7.2	ND<5.0	230	160	
12/13/04	143.20	8.77	0.00	134.43	3.44	1900	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	140	130	
03/29/05	143.20	5.55	0.00	137.65	3.22	3600	--	41	ND<5.0	ND<5.0	9.5	200	130	
<b>MW-7</b>														
10/10/90	--	--	--	--	--	ND	--	ND	0.54	ND	ND	--	--	
03/01/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/05/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-7 continued</b>														
12/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
03/12/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
06/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
09/21/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
01/09/93	144.45	6.33	0.00	138.12	--	--	--	--	--	--	--	--	--	--
02/04/93	144.45	9.00	0.00	135.45	-2.67	--	--	--	--	--	--	--	--	--
03/13/93	144.45	6.76	0.00	137.69	2.24	140	--	ND	ND	ND	ND	ND	--	--
04/17/93	144.45	7.62	0.00	136.83	-0.86	--	--	--	--	--	--	--	--	--
05/15/93	144.45	8.75	0.00	135.70	-1.13	--	--	--	--	--	--	--	--	--
06/17/93	144.45	9.23	0.00	135.22	-0.48	ND	--	ND	ND	ND	ND	ND	--	--
07/17/93	144.45	10.63	0.00	133.82	-1.40	--	--	--	--	--	--	--	--	--
08/14/93	144.45	11.53	0.00	132.92	-0.90	--	--	ND	ND	ND	ND	ND	--	--
09/18/93	144.45	12.57	0.00	131.88	-1.04	ND	--	ND	ND	ND	ND	ND	--	--
10/16/93	144.12	12.01	0.00	132.11	0.23	--	--	--	--	--	--	--	--	--
12/11/93	144.12	9.16	0.00	134.96	2.85	ND	--	ND	ND	ND	ND	ND	--	--
03/12/94	144.12	7.73	0.00	136.39	1.43	ND	--	ND	ND	ND	ND	ND	--	--
06/11/94	144.12	10.05	0.00	134.07	-2.32	ND	--	ND	ND	ND	ND	ND	--	--
09/17/94	144.12	13.32	0.00	130.80	-3.27	ND	--	ND	ND	ND	ND	ND	--	--
12/17/94	144.12	8.35	0.00	135.77	4.97	ND	--	ND	ND	ND	ND	ND	--	--
03/18/95	144.12	4.23	0.00	139.89	4.12	ND	--	ND	ND	ND	ND	ND	--	--
06/24/95	144.12	8.85	0.00	135.27	-4.62	ND	--	ND	ND	ND	ND	ND	--	--
09/23/95	144.12	11.92	0.00	132.20	-3.07	ND	--	ND	ND	ND	ND	ND	--	--
12/16/95	144.12	8.93	0.00	135.19	2.99	ND	--	ND	ND	ND	ND	ND	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-7 continued</b>														
03/23/96	144.12	6.35	0.00	137.77	2.58	ND	ND	ND	ND	ND	ND	ND	ND	--
06/29/96	144.12	9.17	0.00	134.95	-2.82	--	--	--	--	--	--	--	--	--
09/28/96	144.12	11.91	0.00	132.21	-2.74	ND	ND	ND	ND	ND	ND	ND	ND	--
12/07/96	144.12	10.02	0.00	134.10	1.89	--	--	--	--	--	--	--	--	--
03/29/97	144.12	7.99	0.00	136.13	2.03	ND	--	ND	ND	ND	ND	ND	ND	--
06/28/97	144.12	10.79	0.00	133.33	-2.80	--	--	--	--	--	--	--	--	--
09/27/97	144.12	12.84	0.00	131.28	-2.05	ND	--	ND	ND	ND	ND	ND	ND	--
12/29/97	144.12	8.07	0.00	136.05	4.77	--	--	--	--	--	--	--	--	--
03/17/98	144.12	5.28	0.00	138.84	2.79	ND	--	ND	ND	ND	ND	ND	ND	--
06/18/98	144.12	7.82	0.00	136.30	-2.54	--	--	--	--	--	--	--	--	--
09/16/98	144.12	11.31	0.00	132.81	-3.49	74	--	ND	ND	ND	ND	ND	ND	--
12/30/98	144.12	9.13	0.00	134.99	2.18	--	--	--	--	--	--	--	--	--
03/18/99	144.12	5.57	0.00	138.55	3.56	ND	--	ND	ND	ND	ND	ND	ND	--
06/16/99	144.12	9.28	0.00	134.84	-3.71	--	--	--	--	--	--	--	--	--
09/23/99	144.12	12.35	0.00	131.77	-3.07	ND	--	ND	ND	ND	ND	ND	ND	--
12/23/99	144.12	11.38	0.00	132.74	0.97	--	--	--	--	--	--	--	--	--
03/31/00	144.12	6.46	0.00	137.66	4.92	ND	--	ND	ND	ND	ND	ND	ND	--
06/15/00	144.12	9.17	0.00	134.95	-2.71	ND	--	ND	ND	ND	ND	ND	ND	--
09/22/00	144.12	12.25	0.00	131.87	-3.08	ND	--	ND	ND	ND	ND	ND	ND	--
12/21/00	144.12	11.46	0.00	132.66	--	--	--	--	--	--	--	--	--	--
03/15/01	144.12	6.68	0.00	137.44	4.78	ND	--	ND	ND	ND	ND	ND	ND	--
06/14/01	144.12	10.46	0.00	133.66	-3.78	--	--	--	--	--	--	--	--	--
09/11/01	144.18	13.15	0.00	131.03	-2.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
10/16/01	144.18	13.63	0.00	130.55	-0.48	--	--	--	--	--	--	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date	TOC Sampled	Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B	TPPH 8260B	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-7 continued</b>															
1/1/13/01	144.18	11.67	0.00	132.51	1.96	--	--	--	--	--	--	--	--	--	--
12/11/01	144.18	6.58	0.00	137.60	5.09	--	--	--	--	--	--	--	--	--	--
01/15/02	144.18	6.52	0.00	137.66	0.06	--	--	--	--	--	--	--	--	--	--
02/12/02	144.18	6.73	0.00	137.45	-0.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/12/02	144.18	6.25	0.00	137.93	0.48	--	--	--	--	--	--	--	--	--	--
04/16/02	144.18	7.92	0.00	136.26	-1.67	--	--	--	--	--	--	--	--	--	--
05/14/02	144.18	8.96	0.00	135.22	-1.04	--	--	--	--	--	--	--	--	--	--
06/11/02	144.18	9.76	0.00	134.42	-0.80	--	--	--	--	--	--	--	--	--	--
07/16/02	144.18	11.24	0.00	132.94	-1.48	--	--	--	--	--	--	--	--	--	--
08/13/02	144.18	11.96	0.00	132.22	-0.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/10/02	144.18	12.71	0.00	131.47	-0.75	--	--	--	--	--	--	--	--	--	--
12/10/02	144.18	11.85	0.00	132.33	0.86	--	--	--	--	--	--	--	--	--	--
03/12/03	144.18	7.27	0.00	136.91	4.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
06/11/03	144.18	8.42	0.00	135.76	-1.15	--	--	--	--	--	--	--	--	--	--
09/10/03	144.18	11.97	0.00	132.21	-3.55	--	96	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0	--
12/10/03	144.18	9.96	0.00	134.22	2.01	--	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	144.18	6.90	0.00	137.28	3.06	ND<50	--	ND<0.50	--	--	ND<0.50	ND<5.0	--	--	Monitored Only
06/22/04	144.18	10.38	0.00	133.80	-3.48	--	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	144.18	13.06	0.00	131.12	-2.68	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--	Monitored Only
12/13/04	144.18	9.48	0.00	134.70	3.58	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/29/05	144.18	5.37	0.00	138.81	4.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	Sampled Semi-Annually
<b>MW-8</b>															
10/10/90	--	--	--	--	0.00	ND	--	ND	ND	ND	ND	ND	--	--	--
D	10/10/90	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
MW-8 continued														
03/01/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/03/91	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-
09/05/91	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-
12/09/91	-	-	-	-	-	-	380	-	2.4	0.3	2.3	24	-	-
03/12/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-
06/13/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-
09/21/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-
12/09/92	-	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-
01/09/93	144.99	6.85	0.00	138.14	-	-	-	-	-	-	-	-	-	-
02/04/93	144.99	8.81	0.00	136.18	-1.96	-	-	-	-	-	-	-	-	-
03/13/93	144.99	6.95	0.00	138.04	1.86	ND	-	ND	ND	ND	ND	ND	-	-
04/17/93	144.99	7.57	0.00	137.42	-0.62	-	-	-	-	-	-	-	-	-
05/15/93	144.99	9.05	0.00	135.94	-1.48	-	-	ND	ND	ND	ND	ND	-	-
06/17/93	144.99	9.45	0.00	135.54	-0.40	ND	-	ND	ND	ND	ND	ND	-	-
07/17/93	144.99	11.06	0.00	133.93	-1.61	-	-	ND	ND	ND	ND	ND	-	-
08/14/93	144.99	11.93	0.00	133.06	-0.87	-	-	ND	ND	ND	ND	ND	-	-
09/18/93	144.99	13.03	0.00	131.96	-1.10	ND	-	ND	ND	ND	ND	ND	-	-
10/16/93	144.75	12.28	0.00	132.47	0.51	-	-	ND	ND	ND	ND	ND	-	-
12/11/93	144.75	9.05	0.00	135.70	3.23	ND	-	ND	ND	ND	ND	ND	-	-
03/12/94	144.75	8.21	0.00	136.54	0.84	ND	-	ND	ND	ND	ND	ND	-	-
06/11/94	144.75	10.60	0.00	134.15	-2.39	ND	-	ND	ND	ND	ND	ND	-	-
09/17/94	144.75	13.94	0.00	130.81	-3.34	ND	-	ND	ND	ND	ND	ND	-	-
12/17/94	144.75	8.73	0.00	136.02	5.21	ND	-	ND	ND	ND	ND	ND	-	-
03/18/95	144.75	4.71	0.00	140.04	4.02	ND	-	ND	ND	ND	ND	ND	-	-

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-8 continued</b>														
06/24/95	144.75	9.35	0.00	135.40	-4.64	ND	ND	ND	ND	ND	ND	ND	ND	-
09/23/95	144.75	12.53	0.00	132.22	-3.18	ND	ND	ND	ND	ND	ND	ND	ND	-
12/16/95	144.75	9.13	0.00	135.62	3.40	ND	ND	ND	ND	ND	ND	ND	ND	-
03/23/96	144.75	6.68	0.00	138.07	2.45	ND	ND	ND	ND	ND	ND	ND	ND	-
06/29/96	144.75	9.69	0.00	135.06	-3.01	ND	ND	ND	ND	ND	ND	ND	ND	-
09/28/96	144.75	12.15	0.00	132.60	-2.46	ND	ND	ND	ND	ND	ND	ND	ND	-
12/07/96	144.75	10.34	0.00	134.41	1.81	ND	ND	ND	ND	ND	ND	ND	ND	-
03/29/97	144.75	8.41	0.00	136.34	1.93	ND	ND	ND	ND	ND	ND	ND	ND	-
06/28/97	144.75	11.40	0.00	133.35	-2.99	ND	ND	ND	ND	ND	ND	ND	ND	-
09/27/97	144.75	13.56	0.00	131.19	-2.16	ND	ND	ND	ND	ND	ND	ND	ND	-
12/29/97	144.75	8.60	0.00	136.15	4.96	ND	ND	ND	ND	ND	ND	ND	ND	-
03/17/98	144.75	5.73	0.00	139.02	2.87	ND	ND	ND	ND	ND	ND	ND	ND	-
06/18/98	144.75	8.26	0.00	136.49	-2.53	ND	ND	ND	ND	ND	ND	ND	ND	-
09/16/98	144.75	10.13	0.00	134.62	-1.87	ND	ND	ND	ND	ND	ND	ND	ND	-
12/30/98	144.75	9.69	0.00	135.06	0.44	ND	ND	ND	ND	ND	ND	ND	ND	-
03/18/99	144.75	6.01	0.00	138.74	3.68	ND	ND	ND	ND	ND	ND	ND	ND	-
06/16/99	144.75	9.83	0.00	134.92	-3.82	ND	ND	ND	ND	ND	ND	ND	ND	-
09/23/99	144.75	13.00	0.00	131.75	-3.17	ND	ND	ND	ND	ND	ND	ND	ND	-
12/23/99	144.75	12.05	0.00	132.70	0.95	ND	ND	ND	ND	ND	ND	ND	ND	-
03/31/00	144.75	6.87	0.00	137.88	5.18	ND	ND	ND	ND	ND	ND	ND	ND	-
06/15/00	144.75	9.73	0.00	135.02	-2.86	ND	ND	ND	ND	ND	ND	ND	ND	-
09/22/00	144.75	12.90	0.00	131.85	-3.17	ND	ND	ND	ND	ND	ND	ND	ND	-
12/21/00	144.75	10.37	0.00	134.38	--	ND	ND	ND	ND	ND	ND	ND	ND	-
03/15/01	144.75	7.08	0.00	137.67	3.29	ND	ND	ND	ND	ND	ND	ND	ND	-

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH-8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
06/14/01	144.75	10.85	0.00	133.90	-3.77	--	--	--	--	--	--	--	--	--
09/11/01	144.79	13.78	0.00	131.01	-2.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
10/16/01	144.79	14.38	0.00	130.41	-0.60	--	--	--	--	--	--	--	--	--
11/13/01	144.79	12.33	0.00	132.46	2.05	--	--	--	--	--	--	--	--	--
12/11/01	144.79	7.20	0.00	137.59	5.13	--	--	--	--	--	--	--	--	--
01/15/02	144.79	7.14	0.00	137.65	0.06	--	--	--	--	--	--	--	--	--
02/12/02	144.79	7.18	0.00	137.61	-0.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
03/12/02	144.79	6.80	0.00	137.99	0.38	--	--	--	--	--	--	--	--	--
04/16/02	144.79	8.45	0.00	136.34	-1.65	--	--	--	--	--	--	--	--	--
05/14/02	144.79	9.10	0.00	135.69	-0.65	--	--	--	--	--	--	--	--	--
06/11/02	144.79	9.84	0.00	134.95	-0.74	--	--	--	--	--	--	--	--	--
07/16/02	144.79	11.33	0.00	133.46	-1.49	--	--	--	--	--	--	--	--	--
08/13/02	144.79	12.69	0.00	132.10	-1.36	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
09/10/02	144.79	13.46	0.00	131.33	-0.77	--	--	--	--	--	--	--	--	--
12/10/02	144.79	12.76	0.00	132.03	0.70	--	--	--	--	--	--	--	--	--
03/12/03	144.79	7.68	0.00	137.11	5.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
06/11/03	144.79	8.90	0.00	135.89	-1.22	--	--	--	--	--	--	--	--	--
09/10/03	144.79	12.16	0.00	132.63	-3.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
12/10/03	144.79	10.30	0.00	134.49	1.86	--	--	--	--	--	--	--	--	--
03/23/04	144.79	7.23	0.00	137.56	3.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--
06/22/04	144.79	10.98	0.00	133.81	-3.75	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	144.79	13.70	0.00	131.09	-2.72	ND<50	--	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	--
12/13/04	144.79	9.00	0.00	135.79	4.70	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/29/05	144.79	5.75	0.00	139.04	3.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-9</b>														
10/10/90	—	—	—	—	—	ND	—	ND	ND	ND	ND	—	—	—
12/09/92	—	—	—	—	—	120	—	ND	ND	ND	ND	—	—	—
01/09/93	145.36	7.26	0.00	138.10	—	—	—	—	—	—	—	—	—	—
02/04/93	145.36	9.48	0.00	135.88	-2.22	—	—	—	—	—	—	—	—	—
03/13/93	145.36	7.55	0.00	137.81	1.93	280	—	ND	ND	ND	ND	—	—	—
04/17/93	145.36	8.31	0.00	137.05	-0.76	—	—	—	—	—	—	—	—	—
05/15/93	145.36	9.57	0.00	135.79	-1.26	—	—	—	—	—	—	—	—	—
06/17/93	145.36	9.98	0.00	135.38	-0.41	340	—	ND	ND	ND	0.62	ND	—	—
07/17/93	145.36	11.57	0.00	133.79	-1.59	—	—	—	—	—	—	—	—	—
08/14/93	145.36	12.44	0.00	132.92	-0.87	—	—	—	—	—	—	—	—	—
09/18/93	145.36	13.56	0.00	131.80	-1.12	86	—	ND	ND	ND	ND	—	—	—
10/16/93	145.09	12.72	0.00	132.37	0.57	—	—	—	—	—	—	—	—	—
12/11/93	145.09	9.58	0.00	135.51	3.14	ND	—	ND	ND	ND	ND	ND	—	—
03/12/94	145.09	8.76	0.00	136.33	0.82	160	—	ND	ND	ND	ND	ND	—	—
06/11/94	145.09	11.10	0.00	133.99	-2.34	140	—	—	—	—	—	—	—	—
09/17/94	145.09	14.44	0.00	130.65	-3.34	ND	—	ND	ND	ND	ND	ND	—	—
12/17/94	145.09	9.18	0.00	135.91	5.26	110	—	ND	ND	ND	ND	ND	—	—
03/18/95	145.09	5.46	0.00	139.63	3.72	88	—	ND	ND	ND	ND	ND	—	—
06/24/95	145.09	9.81	0.00	135.28	-4.35	120	—	ND	ND	ND	0.8	ND	0.6	—
09/23/95	145.09	12.99	0.00	132.10	-3.18	130	—	ND	ND	ND	ND	ND	—	—
12/16/95	145.09	9.48	0.00	135.61	3.51	67	—	ND	ND	ND	ND	ND	ND	—
03/23/96	145.09	7.25	0.00	137.84	2.23	130	—	6.6	ND	ND	ND	ND	—	—
06/29/96	145.09	10.12	0.00	134.97	-2.87	ND	—	ND	0.89	ND	0.75	ND	—	—
09/28/96	145.09	12.50	0.00	132.59	-2.38	ND	—	ND	ND	ND	ND	ND	ND	—

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
12/07/96	145.09	10.74	0.00	134.35	1.76	ND	ND	ND	ND	ND	ND	ND	ND	-
03/29/97	145.09	8.88	0.00	136.21	1.86	79	--	2.6	0.7	ND	ND	ND	ND	-
06/28/97	145.09	11.88	0.00	133.21	-3.00	ND	--	ND	ND	ND	ND	ND	ND	-
09/27/97	145.09	14.07	0.00	131.02	-2.19	ND	--	ND	ND	ND	ND	ND	ND	-
12/29/97	145.09	9.08	0.00	136.01	4.99	ND	--	ND	ND	ND	ND	ND	ND	-
03/17/98	145.09	6.21	0.00	138.88	2.87	ND	--	ND	ND	ND	ND	ND	ND	-
06/18/98	145.09	8.77	0.00	136.32	-2.56	ND	--	ND	ND	ND	ND	ND	ND	-
09/16/98	145.09	11.05	0.00	134.04	-2.28	ND	--	ND	ND	ND	ND	ND	ND	-
12/30/98	145.09	10.16	0.00	134.93	0.89	ND	--	ND	ND	ND	ND	ND	ND	-
03/18/99	145.09	6.61	0.00	138.48	3.55	61	--	ND	ND	ND	ND	ND	ND	-
06/16/99	145.09	10.28	0.00	134.81	-3.67	110	--	ND	ND	ND	ND	ND	ND	-
09/23/99	145.09	13.47	0.00	131.62	-3.19	ND	--	ND	ND	ND	ND	ND	ND	-
12/23/99	145.09	12.51	0.00	132.58	0.96	ND	--	ND	ND	ND	ND	ND	ND	-
03/31/00	145.09	7.45	0.00	137.64	5.06	ND	--	ND	ND	ND	ND	ND	ND	-
06/15/00	145.09	10.20	0.00	134.89	-2.75	ND	--	ND	ND	ND	ND	ND	ND	-
09/22/00	145.09	13.36	0.00	131.73	-3.16	ND	--	ND	ND	ND	ND	ND	ND	-
12/21/00	145.09	11.19	0.00	133.90	--	ND	--	ND	ND	ND	ND	ND	ND	-
03/15/01	145.09	7.66	0.00	137.43	3.53	ND	--	ND	ND	ND	ND	ND	ND	-
06/14/01	145.09	11.38	0.00	133.71	-3.72	ND	--	ND	ND	ND	ND	ND	ND	-
09/11/01	145.18	14.25	0.00	130.93	-2.78	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-
10/16/01	145.18	14.89	0.00	130.29	-0.64	--	--	--	--	--	--	--	--	-
11/13/01	145.18	12.51	0.00	132.67	2.38	53	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	-
12/11/01	145.18	7.38	0.00	137.80	5.13	--	--	--	--	--	--	--	--	-
01/15/02	145.18	7.33	0.00	137.85	0.05	--	--	--	--	--	--	--	--	-

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-9 continued</b>														
02/12/02	145.18	7.64	0.00	137.54	-0.31	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/12/02	145.18	7.28	0.00	137.90	0.36	--	--	--	--	--	--	--	--	
04/16/02	145.18	8.86	0.00	136.32	-1.58	--	--	--	--	--	--	--	--	
05/14/02	145.18	10.01	0.00	135.17	-1.15	160	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
06/11/02	145.18	10.81	0.00	134.37	-0.80	--	--	--	--	--	--	--	--	
07/16/02	145.18	12.32	0.00	132.86	-1.51	--	--	--	--	--	--	--	--	
08/13/02	145.18	13.12	0.00	132.06	-0.80	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/10/02	145.18	13.85	0.00	131.33	-0.73	--	--	--	--	--	--	--	--	
12/10/02	145.18	13.06	0.00	132.12	0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
03/12/03	145.18	8.17	0.00	137.01	4.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
06/11/03	145.18	9.41	0.00	135.77	-1.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	--	
09/10/03	145.18	12.29	0.00	132.89	-2.88	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.2	
12/10/03	145.18	10.90	0.00	134.28	1.39	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/23/04	145.18	7.79	0.00	137.39	3.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
06/22/04	145.18	11.44	0.00	133.74	-3.65	ND<50	--	ND<0.3	0.48	ND<0.3	ND<0.6	ND<1	--	
09/28/04	145.18	14.16	0.00	131.02	-2.72	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	--	
12/13/04	145.18	10.34	0.00	134.84	3.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/29/05	145.18	--	--	--	--	--	--	--	--	--	--	--	--	
<b>MW-10</b>														
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/09/93	143.18	5.37	0.00	137.81	--	--	--	--	--	--	--	--	--	
02/04/93	143.18	8.05	0.00	135.13	-2.68	--	--	--	--	--	--	--	--	
03/13/93	143.18	6.12	0.00	137.06	1.93	170	--	ND	ND	ND	ND	--	--	
04/17/93	143.18	6.74	0.00	136.44	-0.62	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
05/15/93	143.18	7.88	0.00	135.30	-1.14	--	--	--	--	--	--	--	--	--
06/17/93	143.18	8.61	0.00	134.57	-0.73	ND	--	ND	ND	ND	ND	ND	ND	--
07/17/93	143.18	9.80	0.00	133.38	-1.19	--	--	--	--	--	--	--	--	--
08/14/93	142.74	10.60	0.00	132.14	-1.24	--	--	--	--	--	--	--	--	--
09/18/93	142.74	11.67	0.00	131.07	-1.07	ND	--	ND	ND	ND	ND	ND	ND	--
10/16/93	142.74	10.60	0.00	132.14	1.07	--	--	--	--	--	--	--	--	--
12/11/93	142.74	8.44	0.00	134.30	2.16	ND	--	ND	ND	ND	ND	ND	ND	--
03/12/94	142.74	6.89	0.00	135.85	1.55	ND	--	ND	ND	ND	ND	ND	ND	--
06/11/94	142.74	9.12	0.00	133.62	-2.23	ND	--	ND	ND	ND	ND	ND	ND	--
09/17/94	142.74	12.35	0.00	130.39	-3.23	ND	--	ND	ND	ND	ND	ND	ND	--
12/17/94	142.74	7.26	0.00	135.48	5.09	ND	--	ND	ND	ND	ND	ND	ND	--
03/18/95	142.74	4.03	0.00	138.71	3.23	ND	--	ND	ND	ND	ND	ND	ND	--
06/24/95	142.74	7.86	0.00	134.88	-3.83	ND	--	ND	ND	ND	ND	ND	ND	--
09/23/95	142.74	10.93	0.00	131.81	-3.07	ND	--	ND	ND	ND	ND	ND	ND	--
12/16/95	142.74	7.62	0.00	135.12	3.31	ND	--	ND	ND	ND	ND	ND	ND	98
03/23/96	142.74	5.66	0.00	137.08	1.96	ND	--	ND	ND	ND	ND	ND	ND	66
06/29/96	142.74	8.10	0.00	134.64	-2.44	--	--	--	--	--	--	--	--	--
09/28/96	142.74	10.33	0.00	132.41	-2.23	ND	--	ND	ND	ND	ND	ND	ND	220
12/07/96	142.74	8.83	0.00	133.91	1.50	--	--	--	--	--	--	--	--	--
03/29/97	142.74	6.95	0.00	135.79	1.88	ND	--	ND	ND	ND	ND	ND	ND	160
06/28/97	142.74	9.85	0.00	132.89	-2.90	--	--	--	--	--	--	--	--	--
09/27/97	142.74	12.02	0.00	130.72	-2.17	ND	--	ND	ND	ND	ND	ND	ND	210
12/29/97	142.74	7.21	0.00	135.53	4.81	--	--	--	--	--	--	--	--	--
03/17/98	142.74	4.82	0.00	137.92	2.39	ND	--	ND	ND	ND	ND	ND	ND	46

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
06/18/98	142.74	6.98	0.00	135.76	-2.16	ND	--	ND	ND	ND	ND	110	140	
09/16/98	142.74	10.18	0.00	132.56	-3.20	ND	--	ND	ND	ND	ND	220	250	
12/30/98	142.74	8.19	0.00	134.55	1.99	--	--	--	--	--	--	--	--	
03/18/99	142.74	5.15	0.00	137.59	3.04	ND	--	ND	ND	ND	ND	72	50	
06/16/99	142.74	8.30	0.00	134.44	-3.15	--	--	--	--	--	--	--	--	
09/23/99	142.74	11.41	0.00	131.33	-3.11	ND	--	ND	ND	ND	ND	170	163	
12/23/99	142.74	10.51	0.00	132.23	0.90	--	--	--	--	--	--	--	--	
03/31/00	142.74	5.94	0.00	136.80	4.57	ND	--	ND	ND	ND	ND	43	34	
06/15/00	142.74	8.27	0.00	134.47	-2.33	--	--	--	--	--	--	--	--	
09/22/00	142.74	11.27	0.00	131.47	-3.00	ND	--	ND	ND	ND	ND	140	120	
12/21/00	142.74	10.28	0.00	132.46	--	--	--	--	--	--	--	--	--	
03/15/01	142.74	5.90	0.00	136.84	4.38	ND	--	ND	ND	ND	ND	38.6	50.1	
06/14/01	142.74	9.70	0.00	133.04	-3.80	--	--	--	--	--	--	--	--	
09/11/01	142.80	12.18	0.00	130.62	-2.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	110	
10/16/01	142.80	12.76	0.00	130.04	-0.58	--	--	--	--	--	--	--	--	
11/13/01	142.80	10.96	0.00	131.84	1.80	--	--	--	--	--	--	--	--	
12/11/01	142.80	5.79	0.00	137.01	5.17	--	--	--	--	--	--	--	--	
01/15/02	142.80	5.74	0.00	137.06	0.05	--	--	--	--	--	--	--	--	
02/12/02	142.69	5.81	0.00	136.88	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	38	37	
03/12/02	142.69	5.28	0.00	137.41	0.53	--	--	--	--	--	--	--	--	
04/16/02	142.69	6.98	0.00	135.71	-1.70	--	--	--	--	--	--	--	--	
05/14/02	142.69	7.98	0.00	134.71	-1.00	--	--	--	--	--	--	--	--	
06/11/02	142.69	8.67	0.00	134.02	-0.69	--	--	--	--	--	--	--	--	
07/16/02	142.69	10.19	0.00	132.50	-1.52	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
<b>MW-10 continued</b>														
08/13/02	142.69	11.06	0.00	131.63	-0.87	ND<50	--	ND>0.50	ND<0.50	ND<0.50	ND<0.50	110	70	
09/10/02	142.69	11.80	0.00	130.89	-0.74	--	--	--	--	--	--	--	--	
12/10/02	142.69	11.14	0.00	131.55	0.66	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/12/03	142.69	6.25	0.00	136.44	4.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	35	34	
06/11/03	142.69	7.45	0.00	135.24	-1.20	--	--	--	--	--	--	--	--	Sampled Semi-Annually
09/10/03	142.69	10.63	0.00	132.06	-3.18	--	--	88	ND<0.50	ND<0.50	0.68	ND<1.0	--	
12/10/03	142.69	8.83	0.00	133.86	1.80	--	--	--	--	--	--	--	--	Monitored Only
03/23/04	142.69	5.97	0.00	136.72	2.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	31	34	
06/22/04	142.69	9.31	0.00	133.38	-3.34	--	--	--	--	--	--	--	--	Monitored Only
09/28/04	142.69	12.00	0.00	130.69	-2.69	58	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	33	41	
12/13/04	142.69	8.27	0.00	134.42	3.73	--	--	--	--	--	--	--	--	Sampled Semi-Annually
03/29/05	142.69	4.48	0.00	138.21	3.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	18	
<b>MW-11</b>														
12/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/09/93	142.60	3.65	0.00	138.95	--	--	--	--	--	--	--	--	--	
02/04/93	142.60	7.84	0.00	134.76	-4.19	--	--	--	--	--	--	--	--	
03/13/93	142.60	5.55	0.00	137.05	2.29	--	ND	ND	ND	ND	ND	--	--	
04/17/93	142.60	6.18	0.00	136.42	-0.63	--	--	--	--	--	--	--	--	
05/15/93	142.60	7.25	0.00	135.35	-1.07	--	--	--	--	--	--	--	--	
06/17/93	142.60	8.55	0.00	134.05	-1.30	ND	--	ND	ND	ND	ND	--	--	
07/17/93	142.60	9.08	0.00	133.52	-0.53	--	--	--	--	--	--	--	--	
08/14/93	142.60	9.94	0.00	132.66	-0.86	--	--	--	--	--	--	--	--	
09/18/93	142.60	11.00	0.00	131.60	-1.06	ND	--	ND	ND	ND	ND	--	--	
10/16/93	142.21	10.20	0.00	132.01	0.41	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
12/11/93	142.21	8.11	0.00	134.10	2.09	ND	ND	ND	ND	ND	ND	ND	ND	-
03/12/94	142.21	6.29	0.00	135.92	1.82	ND	ND	ND	ND	ND	ND	ND	ND	-
06/11/94	142.21	8.47	0.00	133.74	-2.18	ND	ND	ND	ND	ND	ND	ND	ND	-
09/17/94	142.21	11.72	0.00	130.49	-3.25	ND	ND	ND	ND	ND	ND	ND	ND	-
12/17/94	142.21	6.69	0.00	135.52	5.03	ND	ND	ND	ND	ND	ND	ND	ND	-
03/18/95	142.21	3.47	0.00	138.74	3.22	ND	ND	ND	ND	ND	ND	ND	ND	-
06/24/95	142.21	7.30	0.00	134.91	-3.83	ND	ND	ND	ND	ND	ND	ND	ND	-
09/23/95	142.21	10.25	0.00	131.96	-2.95	ND	ND	ND	ND	ND	ND	ND	ND	-
12/16/95	142.21	7.16	0.00	135.05	3.09	ND	ND	ND	ND	ND	ND	ND	ND	-
03/23/96	142.21	5.15	0.00	137.06	2.01	ND	ND	ND	ND	ND	ND	ND	ND	-
06/29/96	142.21	7.55	0.00	134.66	-2.40	-	-	-	-	-	-	-	-	-
09/28/96	142.21	10.95	0.00	131.26	-3.40	ND	ND	ND	ND	ND	ND	ND	ND	24
12/07/96	142.21	8.37	0.00	133.84	2.58	-	-	-	-	-	-	-	-	-
03/29/97	142.21	6.45	0.00	135.76	1.92	ND	ND	ND	ND	ND	ND	ND	ND	-
06/28/97	142.21	9.18	0.00	133.03	-2.73	-	-	-	-	-	-	-	-	-
09/27/97	142.21	11.22	0.00	130.99	-2.04	ND	ND	ND	ND	ND	ND	ND	ND	49
12/29/97	142.21	6.57	0.00	135.64	4.65	-	-	-	-	-	-	-	-	-
03/17/98	142.21	4.20	0.00	138.01	2.37	ND	ND	ND	ND	ND	ND	ND	ND	12
06/18/98	142.21	6.41	0.00	135.80	-2.21	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/16/98	142.21	9.50	0.00	132.71	-3.09	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/30/98	142.21	7.51	0.00	134.70	1.99	-	-	-	-	-	-	-	-	-
03/18/99	142.21	4.52	0.00	137.69	2.99	ND	ND	ND	ND	ND	ND	ND	ND	71
06/16/99	142.21	7.67	0.00	134.54	-3.15	-	-	-	-	-	-	-	-	-
09/23/99	142.21	10.68	0.00	131.53	-3.01	ND	ND	ND	ND	ND	ND	ND	ND	20
														18

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
12/23/99	142.21	9.77	0.00	132.44	0.91	--	--	--	--	--	--	--	--	
03/31/00	142.21	5.31	0.00	136.90	4.46	ND	--	ND	ND	ND	ND	5.3	2.2	
06/15/00	142.21	7.81	0.00	134.40	-2.50	--	--	--	--	--	--	--	--	
09/22/00	142.21	10.60	0.00	131.61	-2.79	ND	--	ND	ND	ND	ND	9.8	7.6	
12/21/00	142.21	9.70	0.00	132.51	--	--	--	--	--	--	--	--	--	
03/15/01	142.21	5.28	0.00	136.93	4.42	ND	--	ND	ND	ND	ND	ND	ND	
06/14/01	142.21	9.07	0.00	133.14	-3.79	--	--	--	--	--	--	--	--	
09/11/01	142.22	11.48	0.00	130.74	-2.40	ND<50	--	ND<50	0.53	ND<0.50	ND<0.50	6.3	8.2	
10/16/01	142.22	12.05	0.00	130.17	-0.57	--	--	--	--	--	--	--	--	
11/13/01	142.22	10.20	0.00	132.02	1.85	--	--	--	--	--	--	--	--	
12/11/01	142.22	5.04	0.00	137.18	5.16	--	--	--	--	--	--	--	--	
01/15/02	142.22	4.95	0.00	137.27	0.09	--	--	--	--	--	--	--	--	
02/12/02	142.22	5.42	0.00	136.80	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	2.5	
03/12/02	142.22	4.81	0.00	137.41	0.61	--	--	--	--	--	--	--	--	
04/16/02	142.22	6.53	0.00	135.69	-1.72	--	--	--	--	--	--	--	--	
05/14/02	142.22	7.64	0.00	134.58	-1.11	--	--	--	--	--	--	--	--	
06/11/02	142.22	8.31	0.00	133.91	-0.67	--	--	--	--	--	--	--	--	
07/16/02	142.22	10.07	0.00	132.15	-1.76	--	--	--	--	--	--	--	--	
08/13/02	142.22	10.52	0.00	131.70	-0.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	4.5	
09/10/02	142.22	11.29	0.00	130.93	-0.77	--	--	--	--	--	--	--	--	
12/10/02	142.22	10.52	0.00	131.70	0.77	--	--	--	--	--	--	--	--	
03/12/03	142.22	5.85	0.00	136.37	4.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.0	3.6	
06/11/03	142.22	7.10	0.00	135.12	-1.25	--	--	--	--	--	--	--	--	
09/10/03	142.22	10.27	0.00	131.95	-3.17	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
12/1/03	142.22	8.52	0.00	133.70	1.75	-	-	-	-	-	-	-	-	Monitored Only
03/23/04	142.22	5.59	0.00	136.63	2.93	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	-	Monitored Only
06/22/04	142.22	8.80	0.00	133.42	-3.21	-	-	-	-	-	-	-	-	Monitored Only
09/28/04	142.22	11.45	0.00	130.77	-2.65	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.3	-	Sampled Semi-Annually
12/13/04	142.22	7.87	0.00	134.35	3.58	-	-	-	-	-	-	-	-	
03/29/05	142.22	4.33	0.00	137.89	3.54	ND<50	-	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	-	
<b>MW-12</b>														
12/09/92	-	-	-	-	-	ND	-	ND	ND	ND	ND	-	-	-
01/09/93	143.66	5.45	0.00	138.21	-	-	-	-	-	-	-	-	-	-
02/04/93	143.66	8.90	0.00	134.76	-3.45	-	-	-	-	-	-	-	-	-
03/13/93	143.66	6.22	0.00	137.44	2.68	ND	-	ND	ND	ND	ND	-	-	-
04/17/93	143.66	7.10	0.00	136.56	-0.88	-	-	-	-	-	-	-	-	-
05/15/93	143.66	8.12	0.00	135.54	-1.02	-	-	-	-	-	-	-	-	-
06/17/93	143.66	8.93	0.00	134.73	-0.81	ND	-	ND	ND	ND	ND	-	-	-
07/17/93	143.66	9.95	0.00	133.71	-1.02	-	-	-	-	-	-	-	-	-
08/14/93	143.66	10.86	0.00	132.80	-0.91	-	-	ND	ND	ND	ND	-	-	-
09/18/93	143.66	11.85	0.00	131.81	-0.99	ND	-	-	-	-	-	-	-	-
10/16/93	143.25	11.19	0.00	132.06	0.25	-	-	ND	ND	ND	ND	-	-	-
12/11/93	143.25	8.70	0.00	134.55	2.49	ND	-	ND	ND	ND	ND	-	-	-
03/12/94	143.25	7.05	0.00	136.20	1.65	ND	-	ND	ND	ND	ND	-	-	-
06/11/94	143.25	9.28	0.00	133.97	-2.23	ND	-	ND	ND	ND	ND	-	-	-
09/17/94	143.25	12.46	0.00	130.79	-3.18	ND	-	ND	ND	ND	ND	-	-	-
12/17/94	143.25	7.58	0.00	135.67	4.88	ND	-	ND	ND	ND	ND	-	-	-
03/18/95	143.25	3.92	0.00	139.33	3.66	ND	-	ND	ND	ND	ND	-	-	-

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 continued														
06/24/95	143.25	8.15	0.00	135.10	-4.23	ND	-	ND	ND	ND	ND	-	-	
12/16/95	143.25	8.15	0.00	135.10	-	ND	-	ND	ND	ND	ND	5.4	-	
03/23/96	143.25	5.82	0.00	137.43	2.33	ND	-	ND	ND	ND	ND	-	-	
06/29/96	143.25	8.41	0.00	134.84	2.59	-	-	ND	ND	ND	ND	-	-	
09/28/96	143.25	11.19	0.00	132.06	-2.78	ND	-	ND	ND	ND	ND	-	-	
12/07/96	143.25	9.25	0.00	134.00	1.94	-	-	ND	-	-	-	-	-	
03/29/97	143.25	7.27	0.00	135.98	1.98	ND	-	ND	ND	ND	ND	6.6	-	
06/28/97	143.25	10.05	0.00	133.20	-2.78	-	-	-	-	-	-	-	-	
09/27/97	143.25	12.00	0.00	131.25	-1.95	ND	-	ND	ND	ND	ND	-	-	
12/29/97	143.25	7.35	0.00	135.90	4.65	-	-	ND	ND	ND	ND	-	-	
03/17/98	143.25	4.55	0.00	138.70	2.80	ND	-	ND	ND	ND	ND	-	-	
06/18/98	143.25	6.44	0.00	136.81	-1.89	-	-	ND	ND	ND	ND	-	-	
09/16/98	143.25	10.33	0.00	132.92	-3.89	ND	-	ND	ND	ND	ND	-	-	
12/30/98	143.25	8.36	0.00	134.89	1.97	-	-	-	-	-	-	-	-	
03/18/99	143.25	5.07	0.00	138.18	3.29	ND	-	ND	ND	ND	ND	-	-	
06/16/99	143.25	8.53	0.00	134.72	-3.46	-	-	ND	ND	ND	ND	-	-	
09/23/99	143.25	11.53	0.00	131.72	-3.00	ND	-	ND	ND	ND	ND	-	-	
12/23/99	143.25	10.59	0.00	132.66	0.94	-	-	ND	ND	ND	ND	-	-	
03/31/00	143.25	5.90	0.00	137.35	4.69	ND	-	ND	ND	ND	ND	-	-	
06/15/00	143.25	8.44	0.00	134.81	-2.54	-	-	ND	ND	ND	ND	-	-	
09/22/00	143.25	11.40	0.00	131.85	-2.96	ND	-	ND	ND	ND	ND	-	-	
12/21/00	143.25	10.53	0.00	132.72	--	-	-	-	-	-	-	-	-	
03/15/01	143.25	6.30	0.00	136.95	4.23	ND	--	ND	ND	ND	ND	-	-	
06/14/01	143.25	10.02	0.00	133.23	-3.72	-	-	-	-	-	-	-	-	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ( $\mu\text{g/l}$ )	TPPH 8260B ( $\mu\text{g/l}$ )	Benzene ( $\mu\text{g/l}$ )	Toluene ( $\mu\text{g/l}$ )	Ethyl- benzene ( $\mu\text{g/l}$ )	Total Xylenes ( $\mu\text{g/l}$ )	MTBE 8021B ( $\mu\text{g/l}$ )	MTBE 8260B ( $\mu\text{g/l}$ )	Comments
<b>MW-12 continued</b>														
09/11/01	143.28	12.45	0.00	130.83	-2.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	
10/16/01	143.28	12.81	0.00	130.47	-0.36	--	--	--	--	--	--	--	--	
11/13/01	143.28	10.82	0.00	132.46	1.99	--	--	--	--	--	--	--	--	
12/11/01	143.28	5.69	0.00	137.59	5.13	--	--	--	--	--	--	--	--	
01/15/02	143.28	5.65	0.00	137.63	0.04	--	--	--	--	--	--	--	--	
02/12/02	143.28	6.09	0.00	137.19	-0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
03/12/02	143.28	5.53	0.00	137.75	0.56	--	--	--	--	--	--	--	--	
04/16/02	143.28	7.17	0.00	136.11	-1.64	--	--	--	--	--	--	--	--	
05/14/02	143.28	7.69	0.00	135.59	-0.52	--	--	--	--	--	--	--	--	
06/11/02	143.28	8.48	0.00	134.80	-0.79	--	--	--	--	--	--	--	--	
07/16/02	143.28	10.04	0.00	133.24	-1.56	--	--	--	--	--	--	--	--	
08/13/02	143.28	11.18	0.00	132.10	-1.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
09/10/02	143.28	11.94	0.00	131.34	-0.76	--	--	--	--	--	--	--	--	
12/10/02	143.28	11.13	0.00	132.15	0.81	--	--	--	--	--	--	--	--	
03/12/03	143.28	6.58	0.00	136.70	4.55	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--	
06/11/03	143.28	7.81	0.00	135.47	-1.23	--	--	--	--	--	--	--	--	
09/10/03	143.28	10.94	0.00	132.34	-3.13	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	17	Monitored Only	
12/10/03	143.28	9.25	0.00	134.03	1.69	--	--	--	--	--	--	--	--	
03/23/04	143.28	6.26	0.00	137.02	2.99	--	--	--	--	--	--	--	--	
06/22/04	143.28	9.63	0.00	133.65	-3.37	--	--	--	--	--	--	--	Monitored Only	
09/28/04	143.28	12.23	0.00	131.05	-2.60	ND<50	--	ND<0.50	ND<0.5	ND<0.5	ND<5.0	--	--	
12/13/04	143.28	8.73	0.00	134.55	3.50	--	--	--	--	--	--	--	Sampled Semi-Annually	
03/29/05	143.28	4.84	0.00	138.44	3.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-13 continued														
06/29/96	142.95	8.12	0.00	134.83	-	ND	ND	ND	ND	ND	ND	790	--	
09/28/96	142.95	10.87	0.00	132.08	-2.75	ND	ND	ND	ND	ND	ND	330	--	
12/07/96	142.95	8.79	0.00	134.16	2.08	ND	ND	ND	ND	ND	ND	98	--	
03/29/97	142.95	6.92	0.00	136.03	1.87	ND	ND	ND	ND	ND	ND	240	--	
06/28/97	142.95	9.90	0.00	133.05	-2.98	ND	ND	ND	ND	ND	ND	150	--	
09/27/97	142.95	11.87	0.00	131.08	-1.97	ND	ND	ND	ND	ND	ND	45	--	
12/29/97	142.95	7.21	0.00	135.74	4.66	ND	ND	ND	ND	ND	ND	49	--	
03/17/98	142.95	4.70	0.00	138.25	2.51	ND	ND	ND	ND	ND	ND	ND	--	
06/18/98	142.95	6.57	0.00	136.38	-1.87	ND	ND	ND	ND	ND	ND	450	ND	
09/16/98	142.95	10.07	0.00	132.88	-3.50	ND	ND	ND	ND	ND	ND	0.97	84	74
12/30/98	142.95	8.27	0.00	134.68	1.80	ND	ND	ND	ND	ND	ND	39	30	
03/18/99	142.95	5.65	0.00	137.30	2.62	ND	ND	ND	ND	ND	ND	140	160	
06/16/99	142.95	8.24	0.00	134.71	-2.59	ND	ND	ND	ND	ND	ND	ND	110	
09/23/99	142.95	11.44	0.00	131.51	-3.20	ND	ND	ND	ND	ND	ND	ND	230	192
12/23/99	142.95	10.63	0.00	132.32	0.81	ND	ND	ND	ND	ND	ND	ND	170	150
03/31/00	142.95	6.14	0.00	136.81	4.49	ND	ND	ND	ND	ND	ND	ND	170	190
06/15/00	142.95	8.20	0.00	134.75	-2.06	ND	ND	ND	ND	ND	ND	69	35	
09/22/00	142.95	11.27	0.00	131.68	-3.07	ND	ND	ND	ND	ND	ND	87	66	
12/21/00	142.95	10.22	0.00	132.73	--	ND	--	ND	ND	ND	ND	55	68	
03/15/01	142.95	6.19	0.00	136.76	4.03	ND	ND	ND	ND	ND	ND	ND	52.7	61.2
06/14/01	142.95	10.07	0.00	132.88	-3.88	ND	ND	ND	ND	ND	ND	ND	94	110
09/11/01	143.04	12.06	0.00	130.98	-1.90	ND<50	--	ND<50	0.75	ND<0.50	ND<0.50	24	29	
10/16/01	143.04	12.66	0.00	130.38	-0.60	--	--	--	--	--	--	--	--	
11/13/01	143.04	10.79	0.00	132.25	1.87	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	19	20	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-13 continued														
12/11/01	143.04	5.63	0.00	137.41	5.16	--	--	--	--	--	--	--	--	--
01/15/02	143.04	5.57	0.00	137.47	0.06	--	--	--	--	--	--	--	--	--
02/12/02	143.04	6.28	0.00	136.76	-0.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.2	4.2	
03/12/02	143.04	5.73	0.00	137.31	0.55	--	--	--	--	--	--	--	--	--
04/16/02	143.04	7.46	0.00	135.58	-1.73	--	--	--	--	--	--	--	--	
05/14/02	143.04	8.10	0.00	134.94	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	120	
06/11/02	143.04	8.95	0.00	134.09	-0.85	--	--	--	--	--	--	--	--	
07/16/02	143.04	10.51	0.00	132.53	-1.56	--	--	--	--	--	--	--	--	
08/13/02	143.04	11.15	0.00	131.89	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	190	120	
09/10/02	143.04	11.97	0.00	131.07	-0.82	--	--	--	--	--	--	--	--	
12/10/02	143.04	11.35	0.00	131.69	0.62	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	77	79	
03/12/03	143.04	6.56	0.00	136.48	4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	60	62	
06/11/03	143.04	7.83	0.00	135.21	-1.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	43	56	
09/10/03	143.04	11.02	0.00	132.02	-3.19	--	89	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
12/10/03	143.04	9.50	0.00	133.54	1.52	78	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	130	
03/23/04	143.04	6.37	0.00	136.67	3.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	53	51	
06/22/04	143.04	9.51	0.00	133.53	-3.14	ND<50	--	ND<0.3	0.33	ND<0.3	ND<0.6	4.6	87	
09/28/04	143.04	12.17	0.00	130.87	-2.66	79	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	80	100	
12/13/04	143.04	--	--	--	--	--	--	--	--	--	--	--	--	paved over
03/29/05	143.04	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
MW-14														
02/12/02	142.77	6.08	--	136.69	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	--	
03/12/02	142.77	5.59	0.00	137.18	0.49	--	--	--	--	--	--	--	--	
04/16/02	142.77	7.21	0.00	135.56	-1.62	--	--	--	--	--	--	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**May 1990 Through March 2005**  
**76 Station 4320**

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-14 continued														
05/14/02	142.77	8.15	0.00	134.62	-0.94	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	—	—
06/11/02	142.77	8.76	0.00	134.01	-0.61	—	—	—	—	—	—	—	—	—
07/16/02	142.77	10.18	0.00	132.59	-1.42	—	—	—	—	—	—	—	—	—
08/13/02	142.77	11.25	0.00	131.52	-1.07	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	5.9	9.2	
09/10/02	142.77	12.00	0.00	130.77	-0.75	—	—	—	—	—	—	—	—	—
12/10/02	142.77	10.88	0.00	131.89	1.12	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	2	3.0	
03/12/03	142.77	6.02	0.00	136.75	4.86	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	ND<2.0	
06/11/03	142.77	7.40	0.00	135.37	-1.38	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	ND<2.0	
09/10/03	142.77	10.14	0.00	132.63	-2.74	—	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	ND<2.0	
12/10/03	142.77	9.28	0.00	133.49	0.86	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.9	3.9	
03/23/04	142.77	6.29	0.00	136.48	2.99	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	12	9.5	
06/22/04	142.77	9.48	0.00	133.29	-3.19	ND<50	—	ND<0.3	0.34	ND<0.3	ND<0.6	5.9	5.9	
09/28/04	142.77	12.13	0.00	130.64	-2.65	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	11	1.5	
12/13/04	142.77	8.81	0.00	133.96	3.32	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	3.8	3.8	
03/29/05	142.77	4.85	0.00	137.92	3.96	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.7	1.7	

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**

	Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME 8260B	TBA 8260B	DIPE	ETBE 8260B	Ethanol 8260B	Nitrate ( $\text{mg/l}$ )	TOG ( $\text{mg/l}$ )
<b>MW-1</b>															
05/04/90	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	ND
10/10/90	--	-	-	-	-	-	-	-	-	-	-	-	-	-	--
03/01/91	--	-	-	-	-	-	-	-	-	-	-	-	-	-	--
06/03/91	--	-	-	-	-	-	-	-	-	-	-	-	-	-	--
09/05/91	120	-	-	ND	ND	ND	-	ND	-	-	-	-	-	-	ND
12/09/91	ND	-	2.6	4.7	-	-	-	-	-	-	-	-	-	-	ND
03/12/92	ND	-	ND	1.4	-	-	-	-	-	-	-	-	-	-	ND
06/13/92	ND	-	ND	2.5	-	-	-	-	-	-	-	-	-	-	ND
09/21/92	ND	-	0.5	2.7	-	-	-	-	-	-	-	-	-	-	ND
12/09/92	ND	-	ND	ND	-	-	-	-	-	-	-	-	-	-	ND
03/13/93	ND	-	ND	ND	-	-	-	-	-	-	-	-	-	-	ND
06/17/93	--	-	ND	ND	-	-	-	-	-	-	-	-	-	-	--
09/18/93	--	-	1.4	1.4	-	-	-	-	-	-	-	-	-	-	--
12/11/93	--	-	ND	0.66	-	-	-	-	-	-	-	-	-	-	--
03/12/94	--	-	ND	ND	-	-	-	-	-	-	-	-	-	-	--
06/11/94	--	-	ND	ND	-	-	-	-	-	-	-	-	-	-	--
09/17/94	--	ND<10	-	-	-	ND<10	-	-	-	-	-	-	-	-	--
09/10/03	--	ND<10	-	-	-	ND<10	-	ND<500	ND<10	ND<10	ND<2500	-	-	-	--
<b>MW-2</b>															
05/04/90	--	-	-	-	-	-	-	ND	-	-	-	-	-	-	--
10/10/90	--	-	-	-	-	-	-	ND	-	-	-	-	-	-	--
03/01/91	--	-	-	-	-	-	-	ND	-	-	-	-	-	-	--
06/03/91	--	-	-	-	-	-	-	ND	-	-	-	-	-	-	--
D 06/03/91	--	-	-	-	-	-	-	ND	-	-	-	-	-	-	--
09/05/91	--	-	-	-	-	-	-	ND	-	-	-	-	-	-	--
12/09/91	52	-	-	-	-	-	-	-	-	-	-	-	-	-	--

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	Nitrate ( $\text{mg/l}$ )	TOG
MW-2 continued														
06/13/92	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
09/21/92	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
12/09/92	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
03/13/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MW-3</b>														
05/04/90	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
10/10/90	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
03/01/91	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
06/03/91	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
09/05/91	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
06/28/97	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/18/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/16/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
12/30/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/18/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
06/16/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/23/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
12/23/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/31/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
06/15/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/22/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
12/21/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/15/01	ND	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-
06/14/01	ND	-	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-
09/11/01	ND<2.0	-	-	-	-	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<1000	-	-
11/13/01	ND<1.0	-	-	-	-	-	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<500	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**

**76 Station 4320**

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	Nitrate ( $\text{mg/l}$ )	TOG ( $\text{mg/l}$ )
MW-3 continued														
02/12/02	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
05/14/02	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
08/13/02	-	ND<2.0	-	-	-	ND<2.0	-	ND>2.0	ND>20	ND<2.0	ND<2.0	ND<500	-	-
12/10/02	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
03/12/03	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
06/11/03	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
09/10/03	-	ND<20	-	-	-	ND<20	-	ND<20	ND<1000	ND<20	ND<20	ND<5000	-	-
12/10/03	-	ND<20	-	-	-	ND<20	-	ND<20	ND<1000	ND<20	ND<20	ND<5000	-	-
03/23/04	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
06/22/04	-	ND<0.5	-	-	-	ND<0.5	-	ND<1	ND<12	ND<1	ND<1	ND<800	-	-
09/28/04	-	ND<5.0	-	-	-	ND<5.0	-	ND<50	ND<10	ND<50	ND<50	ND<500	-	-
12/13/04	-	ND<0.50	-	-	-	ND<0.50	-	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<50	-	-
03/29/05	-	ND<0.50	-	-	-	ND<0.50	-	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<50	-	-
MW-4														
05/04/90	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
10/10/90	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
03/01/91	-	-	-	-	-	-	ND	-	-	-	-	-	12	-
06/03/91	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
09/05/91	-	-	-	-	-	-	ND	-	-	-	-	-	-	-
12/09/91	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND
06/13/92	-	-	-	-	-	-	ND	-	-	-	-	-	11	-
12/09/92	-	-	-	-	-	-	ND	-	-	-	-	-	33	-
06/17/93	-	-	-	-	-	-	ND	-	-	-	-	-	53	-
12/11/93	-	-	-	-	-	-	ND	-	-	-	-	-	1.2	-
06/11/94	-	-	-	-	-	-	ND	-	-	-	-	-	3.3	-
12/17/94	-	-	-	-	-	-	ND	-	-	-	-	-	12	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane (µg/l)	1,1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	EDB	Organic Lead	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	Nitrate (mg/l)	TOG (mg/l)
MW-4 continued														
06/24/95	-	-	-	-	-	-	-	-	-	-	-	-	120	-
12/16/95	-	-	-	-	-	-	-	-	-	-	-	-	30	-
06/29/96	-	-	-	-	-	-	-	-	-	-	-	-	89	-
06/28/97	-	-	-	-	-	-	-	-	-	-	-	-	0.63	-
<b>MW-5</b>														
10/10/90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/01/91	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-
06/03/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/05/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/09/91	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
06/13/92	-	-	-	-	-	-	-	-	-	-	-	-	14	-
12/09/92	-	-	-	-	-	-	-	-	-	-	-	-	25	-
06/17/93	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-
12/11/93	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
06/11/94	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-
12/17/94	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-
06/24/95	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-
12/16/95	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
06/29/96	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-
06/28/97	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-
06/18/98	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
09/16/98	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
12/30/98	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
03/18/99	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
06/16/99	-	-	-	-	-	-	-	-	-	-	-	-	ND	-
09/23/99	-	-	-	-	-	-	-	-	-	-	-	-	ND	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**

76 Station 4320													
Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane (µg/l)	1,1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	EDB	Organic Lead	TAME	TBA	DPE	ETBE	Ethanol 8260B	Nitrate (mg/l)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
<b>MW-5 continued</b>													
12/23/99	-	-	-	-	-	-	-	-	-	-	-	-	-
03/31/00	-	-	-	-	-	-	-	-	-	-	-	-	-
06/15/00	-	-	-	-	-	-	-	-	-	-	-	-	-
09/22/00	-	-	-	-	-	-	-	-	-	-	-	-	-
12/21/00	-	-	-	-	-	-	-	-	-	-	-	-	-
03/15/01	-	ND	-	-	-	ND	-	-	-	-	-	-	-
06/14/01	-	ND	-	-	-	ND	-	-	-	-	-	-	-
09/11/01	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<1000	-
11/13/01	-	ND<1.0	-	-	-	ND<1.0	-	-	ND<1.0	ND<1.0	ND<1.0	ND<500	-
02/12/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-
05/14/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-
08/13/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-
12/10/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-
03/12/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-
06/11/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-
09/10/03	-	ND<10	-	-	-	ND<10	-	-	ND<10	ND<10	ND<10	ND<2500	-
12/10/03	-	ND<20	-	-	-	ND<20	-	-	ND<100	ND<20	ND<20	ND<5000	-
03/23/04	-	ND<10	-	-	-	ND<10	-	-	ND<10	ND<10	ND<10	ND<2500	-
06/22/04	-	ND<0.5	-	-	-	ND<0.5	-	-	ND<12	ND<1	ND<1	ND<800	-
09/28/04	-	ND<5.0	-	-	-	ND<5.0	-	-	ND<50	ND<10	ND<5.0	ND<500	-
12/13/04	-	ND<0.50	-	-	-	ND<0.50	-	-	34	ND<1.0	ND<0.50	ND<50	-
03/29/05	-	ND<1.0	-	-	-	ND<1.0	-	-	19	ND<1.0	ND<1.0	-	-
<b>MW-6</b>													
10/10/90	-	-	-	-	-	-	-	-	-	-	-	-	-
03/01/91	-	-	-	-	-	-	-	-	-	-	-	-	ND
06/03/91	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME	TBA	DIPE	ETBE	Ethanol 8260B	Nitrate	TOG
D MW-6 continued	D	D	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
D 09/05/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/05/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/09/91	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/13/92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/09/92	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/17/93	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/11/93	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/11/94	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/17/94	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/24/95	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/16/95	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/29/96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/18/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/16/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/30/98	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/18/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/16/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/23/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/23/99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/31/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/15/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/22/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/21/00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/15/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
06/14/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
09/11/01	ND<2.0	-	-	-	ND<2.0	-	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<100	ND<100	ND<100

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME	TBA	DIPE	ETBE	Ethanol 8260B	Nitrate	
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )	
<b>MW-6 continued</b>														
11/13/01	-	-	ND<1.0	-	-	ND<1.0	-	-	ND<1.0	92	ND<1.0	ND<500	-	-
02/12/02	-	-	ND<2.0	-	-	ND<2.0	-	-	ND<2.0	ND<100	ND<2.0	ND<500	-	-
05/14/02	-	-	ND<2.0	-	-	ND<2.0	-	-	ND<2.0	ND<100	ND<2.0	ND<500	-	-
08/13/02	-	-	ND<2.0	-	-	ND<2.0	-	-	ND<2.0	ND<20	ND<2.0	ND<500	-	-
12/10/02	-	-	ND<2.0	-	-	ND<2.0	-	-	ND<2.0	ND<100	ND<2.0	ND<500	-	-
03/12/03	-	-	ND<2.0	-	-	ND<2.0	-	-	ND<2.0	ND<100	ND<2.0	ND<500	-	-
06/11/03	-	-	ND<2.0	-	-	ND<2.0	-	-	ND<2.0	ND<100	ND<2.0	ND<500	-	-
09/10/03	-	-	ND<10	-	-	ND<10	-	-	ND<10	ND<500	ND<10	ND<2500	-	-
12/10/03	-	-	ND<4.0	-	-	ND<4.0	-	-	ND<4.0	ND<200	ND<4.0	ND<1000	-	-
03/23/04	-	-	ND<10	-	-	ND<10	-	-	ND<10	ND<500	ND<10	ND<2500	-	-
06/22/04	-	-	ND<0.5	-	-	ND<0.5	-	-	ND<1	ND<12	ND<1	ND<800	-	-
09/28/04	-	-	ND<1.0	-	-	ND<1.0	-	-	ND<1.0	20	ND<2.0	ND<100	-	-
12/13/04	-	-	ND<1.0	-	-	ND<1.0	-	-	ND<1.0	27	ND<2.0	ND<100	-	-
03/29/05	-	-	ND<1.0	-	-	ND<1.0	-	-	ND<1.0	21	ND<1.0	ND<1.0	-	-
<b>MW-7</b>														
10/10/90	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
03/01/91	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
06/03/91	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
09/05/91	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
<b>MW-8</b>														
10/10/90	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
D 10/10/90	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
06/03/91	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
09/05/91	-	-	-	-	-	-	-	-	ND	-	-	-	-	-
<b>MW-9</b>										-	-	-	-	-
03/13/93	-	-	ND	-	-	-	-	-	-	-	-	-	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**  
**76 Station 4320**

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane ( $\mu\text{g/l}$ )	1,1,1-Dichloroethane ( $\mu\text{g/l}$ )	1,1-Dichloroethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME	TBA	DIPE	ETBE	Ethanol 8260B	Nitrate	TOG
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\text{mg/l}$ )	( $\text{mg/l}$ )
<b>MW-9 continued</b>														
06/17/93	-	-	-	ND	ND	-	-	-	-	-	-	-	-	-
09/18/93	-	-	ND	ND	-	-	-	-	-	-	-	-	-	-
12/11/93	-	-	ND	ND	-	-	-	-	-	-	-	-	-	-
03/12/94	-	-	ND	ND	-	-	-	-	-	-	-	-	-	-
06/11/94	-	-	ND	ND	-	-	-	-	-	-	-	-	-	-
09/17/94	-	-	ND	ND	-	-	-	-	-	-	-	-	-	-
<b>MW-10</b>														
06/18/98	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-
09/16/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/18/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/23/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/31/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/22/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/15/01	-	-	ND	-	-	ND	-	ND	ND	ND	ND	ND	-	-
09/11/01	-	-	ND<2.0	-	-	ND<2.0	-	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<1000	-	-
02/12/02	-	-	ND<2.0	-	-	ND<2.0	-	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
08/13/02	-	-	ND<2.0	-	-	ND<2.0	-	ND<20	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
03/12/03	-	-	ND<2.0	-	-	ND<2.0	-	ND<100	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
09/10/03	-	-	ND<2.0	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
03/23/04	-	-	ND<2.0	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
09/28/04	-	-	ND<0.50	-	-	ND<0.50	-	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<50	-	-
03/29/05	-	-	ND<0.50	-	-	ND<0.50	-	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND	-	-
<b>MW-11</b>														
06/18/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/16/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/18/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**

76 Station 4320														
Date Sampled	TPH-D	EDC	1,1,1-Trichloro-ethane ( $\mu\text{g/l}$ )	1,1-Dichloro-ethane ( $\mu\text{g/l}$ )	1,1-Dichloro-ethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME 8260B	TBA 8260B	DPE	ETBE 8260B	Ethanol 8260B	Nitrate (mg/l)	TOG (mg/l)
MW-11 continued														
09/23/99	-	-	-	-	-	-	-	-	-	ND	ND	ND	-	-
03/31/00	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-
09/22/00	-	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-
03/15/01	-	ND	-	-	-	ND	-	-	ND	ND	ND	ND	-	-
09/11/01	-	ND<2.0	-	-	-	ND>2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<100	-	-
02/12/02	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
08/13/02	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<500	-	-
03/12/03	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
09/10/03	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
03/23/04	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
09/28/04	-	ND<0.50	-	-	-	ND<0.50	-	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	-	-
10/03/05	-	ND<0.50	-	-	-	ND<0.50	-	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	-	-
MW-12														
09/10/03	-	ND<2.0	-	-	-	ND<2.0	-	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	-	-
MW-13														
06/18/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/16/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
12/30/98	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/18/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
06/16/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/23/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
12/23/99	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
03/31/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
06/15/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
09/22/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-
12/21/00	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	-	-

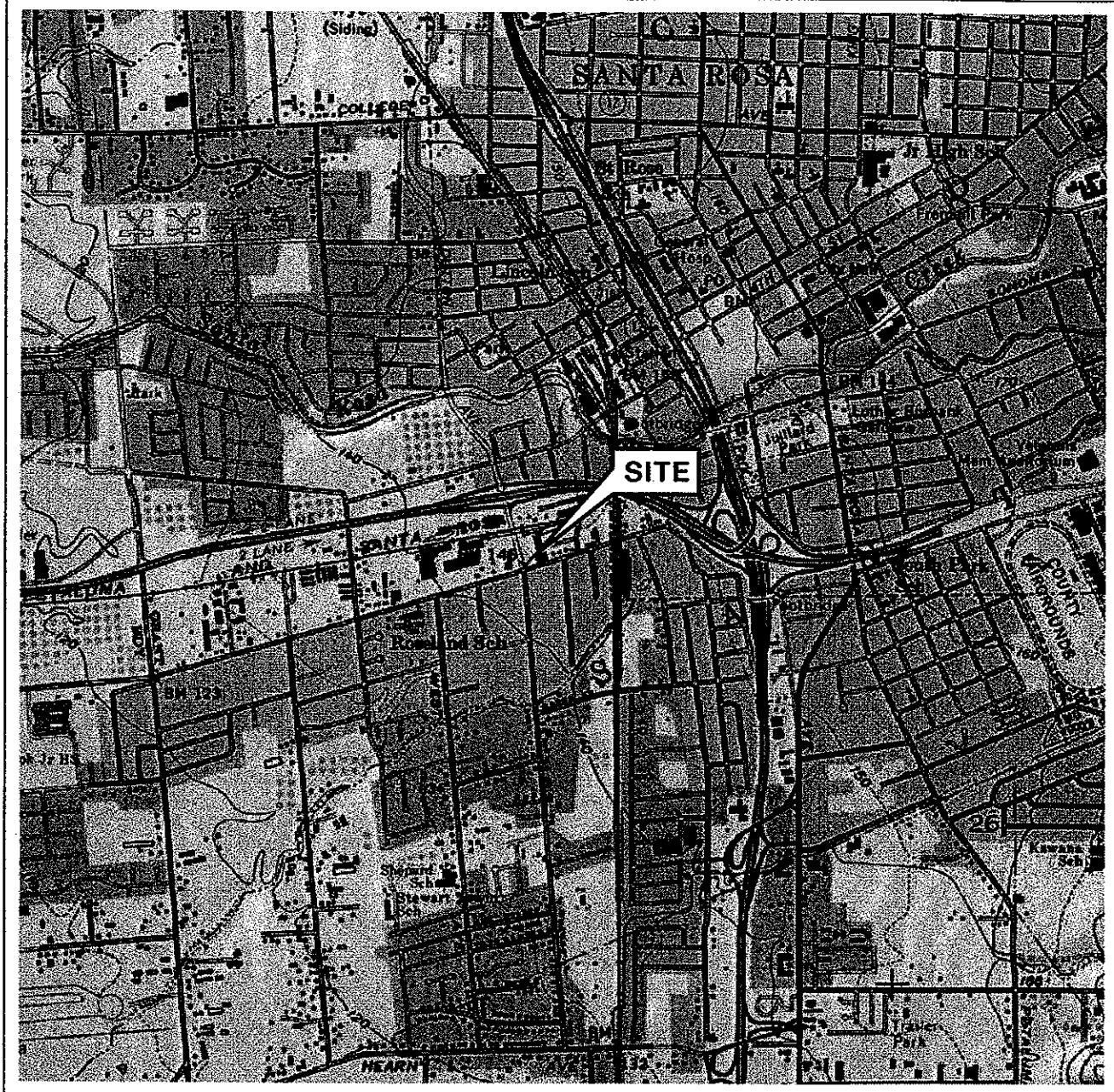
**Table 3**  
ADDITIONAL ANALYTICAL RESULTS  
76 Station 4320

Date Sampled	TPH-D	EDC	1,1,1-Trichloroethane (µg/l)	1,1-Dichloroethane (µg/l)	1,1-Dichloroethene (µg/l)	EDB	Organic Lead	TAME	TBA	DIPE	ETBE	Ethanol	Nitrate (mg/l)	TOG (mg/l)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-13 continued														
03/15/01	-	ND	-	-	-	ND	-	-	ND	ND	ND	ND	-	-
06/14/01	-	ND	-	-	-	ND	-	-	ND	ND	ND	ND	-	-
09/11/01	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<1000	-	-
11/13/01	-	ND<1.0	-	-	-	ND<1.0	-	-	ND<1.0	ND<1.0	ND<1.0	ND<500	-	-
02/12/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
05/14/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
08/13/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
12/10/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
03/12/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
06/11/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
12/10/03	-	ND<4.0	-	-	-	ND<4.0	-	-	ND<4.0	ND<4.0	ND<4.0	ND<1000	-	-
03/23/04	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
06/22/04	-	ND<0.5	-	-	-	ND<0.5	-	-	ND<1	ND<12	ND<1	ND<800	-	-
09/28/04	-	ND<0.50	-	-	-	ND<0.50	-	-	ND<5.0	ND<1.0	ND<0.50	ND<50	-	-
MW-14														
02/12/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
05/14/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
08/13/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<20	ND<2.0	ND<2.0	ND<500	-	-
12/10/02	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
03/12/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<2.0	ND<2.0	ND<2.0	ND<500	-	-
06/11/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
09/10/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
12/10/03	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
03/23/04	-	ND<2.0	-	-	-	ND<2.0	-	-	ND<100	ND<2.0	ND<2.0	ND<500	-	-
06/22/04	-	ND<0.5	-	-	-	ND<0.5	-	-	ND<1	ND<12	ND<1	ND<800	-	-
09/28/04	-	ND<0.50	-	-	-	ND<0.50	-	-	ND<5.0	ND<1.0	ND<0.50	ND<50	-	-

**Table 3**  
**ADDITIONAL ANALYTICAL RESULTS**

76 Station 4320														
Date Sampled	TPH-D	EDC	1,1,1-Trichloro-ethane ( $\mu\text{g/l}$ )	1,1-Dichloro-ethane ( $\mu\text{g/l}$ )	1,1-Dichloro-ethene ( $\mu\text{g/l}$ )	EDB	Organic Lead	TAME	TBA	DIPE	ETBE	Ethanol	Nitrate	TOG
	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )	( $\mu\text{g/l}$ )
MW-14 continued														
12/13/04	-	ND<0.50	-	-	-	ND<0.50	-	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<50	-	-
03/29/05	-	ND<0.50	-	-	-	ND<0.50	-	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<50	-	-

## FIGURES



0      1/4      1/2      3/4      1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Santa Rosa & Sebastopol  
Quadrangles

QUADRANGLE  
LOCATION

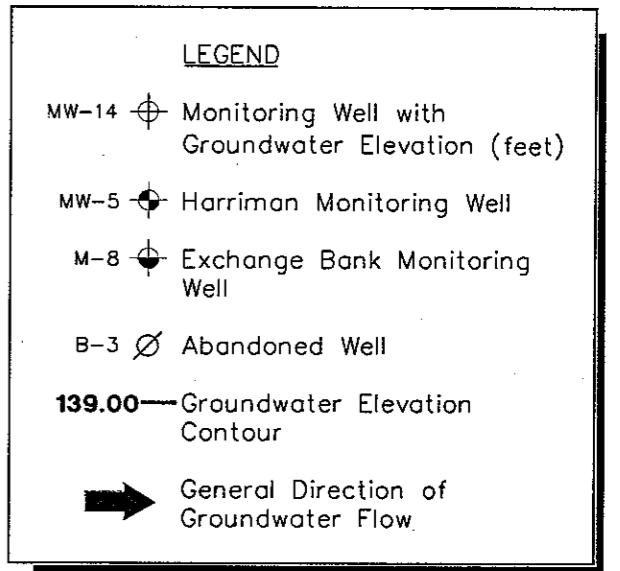
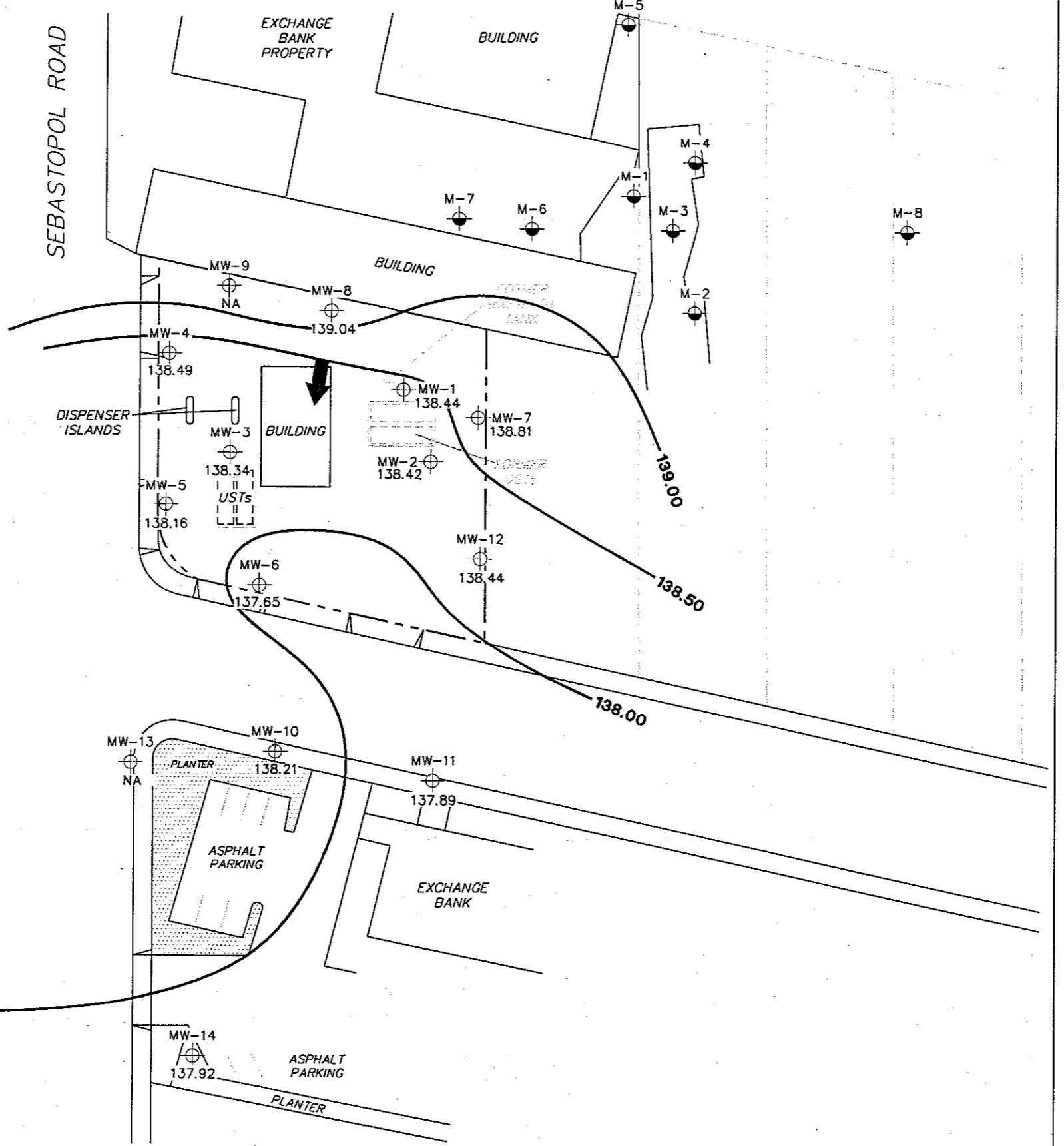
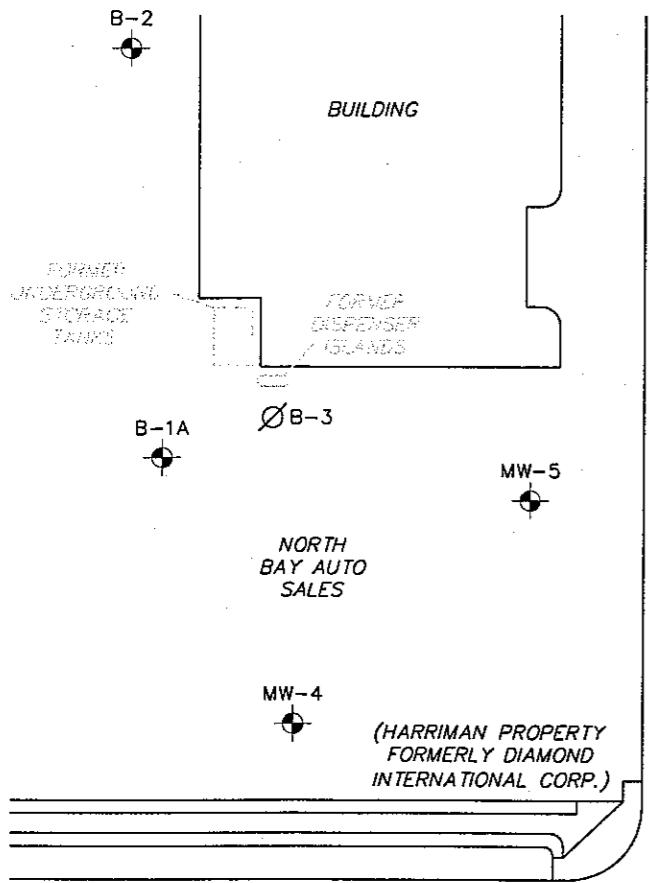
**VICINITY MAP**

76 Station 4320  
320 Sebastopol Road  
Santa Rosa, California

PS = 1:1

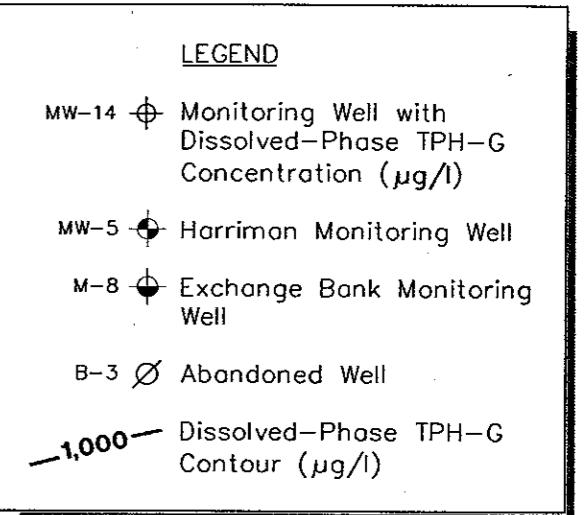
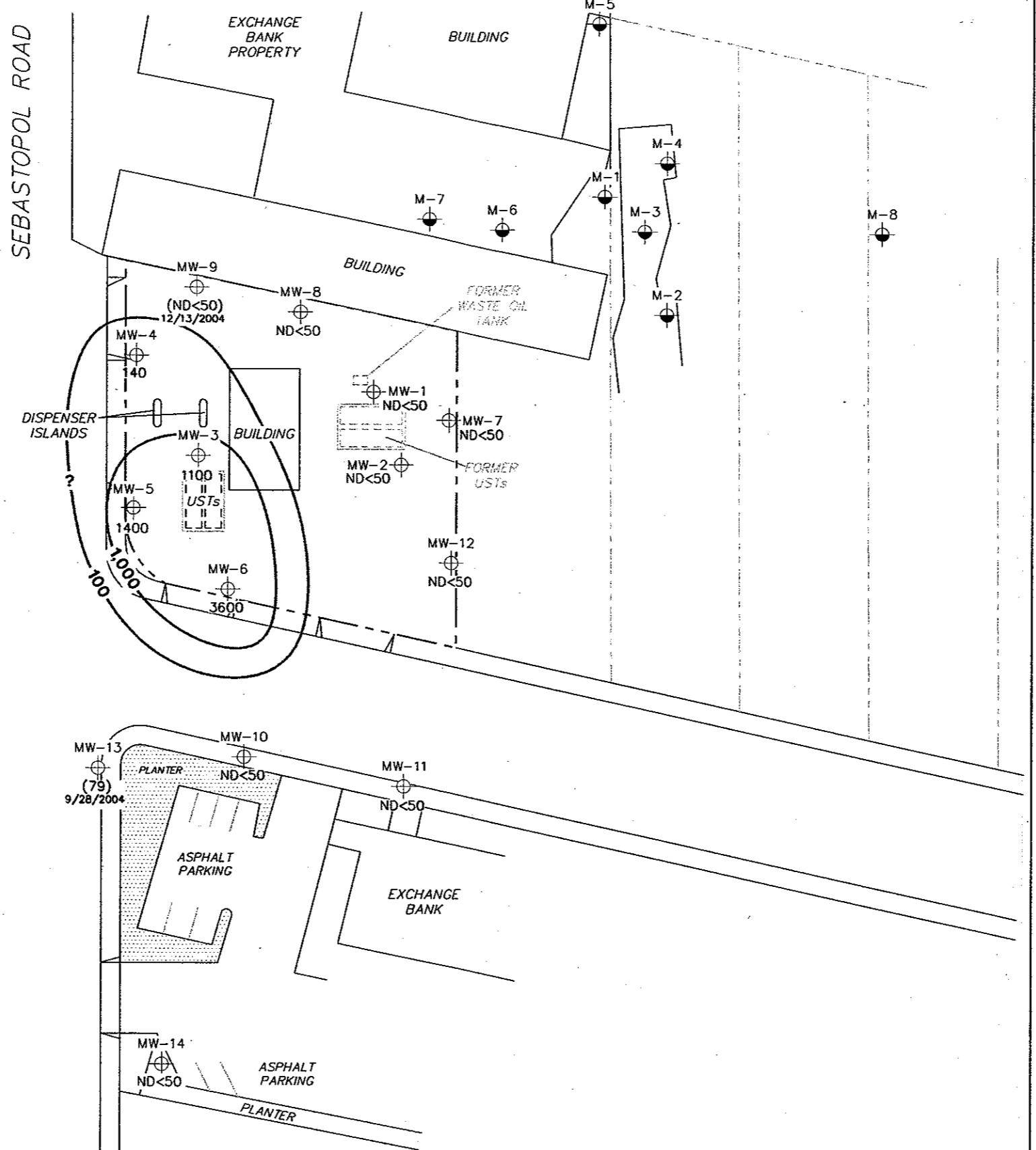
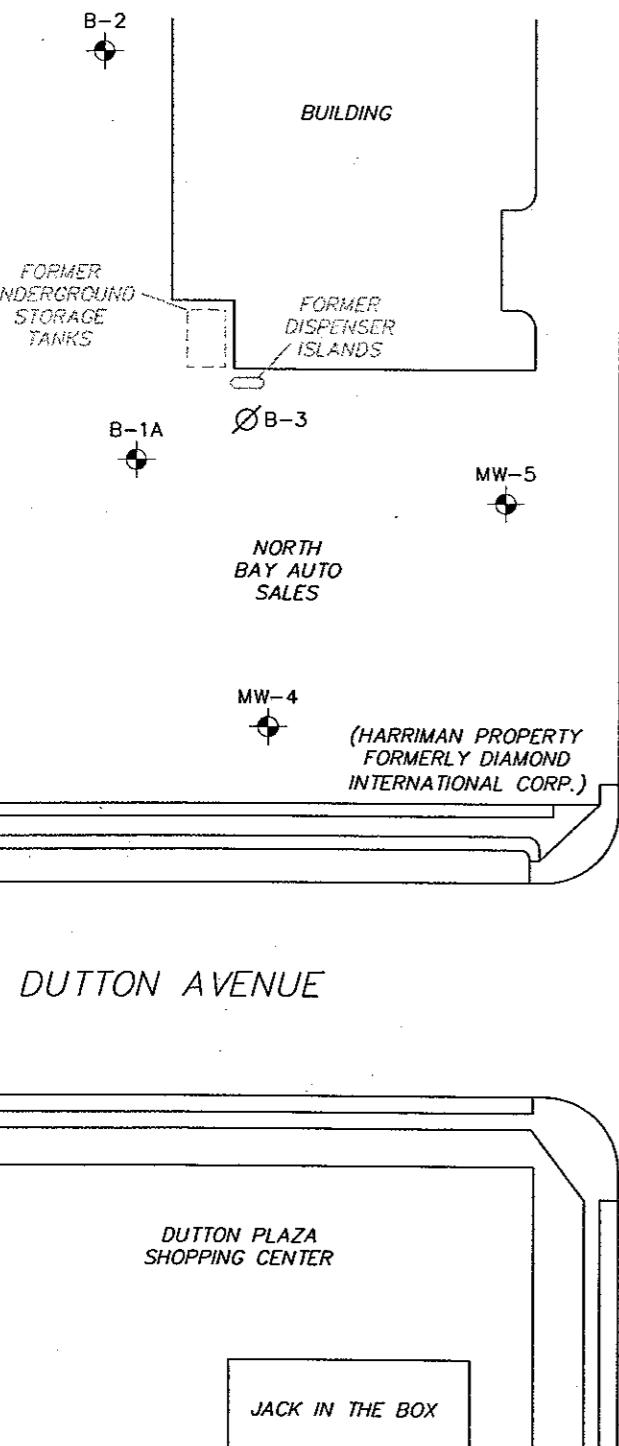
**TRC**

**FIGURE 1**



**GROUNDWATER ELEVATION CONTOUR MAP**  
**March 29, 2005**

76 Station 4320  
370 Sebastopol Road  
Santa Rosa, California

**NOTES:**

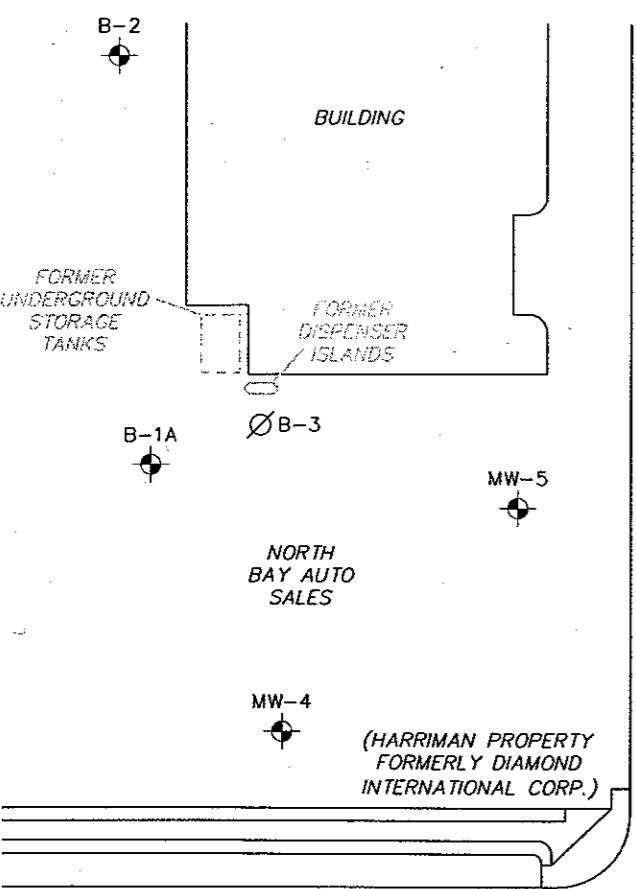
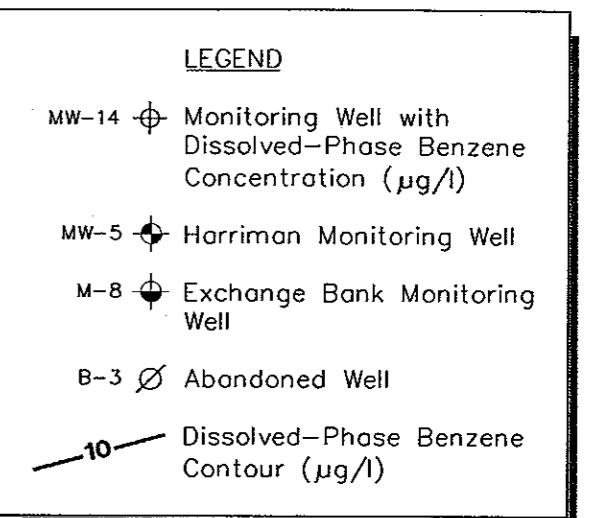
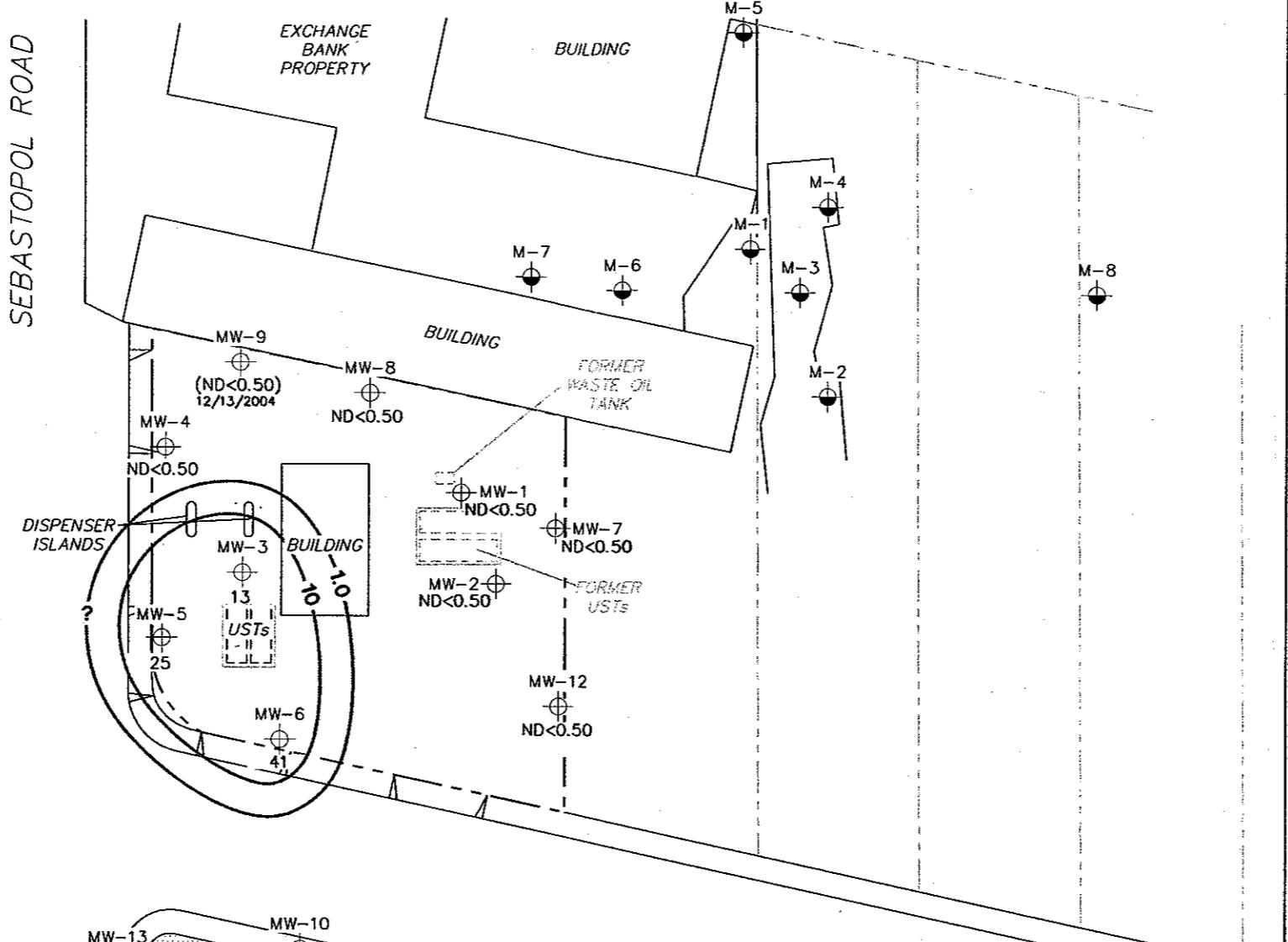
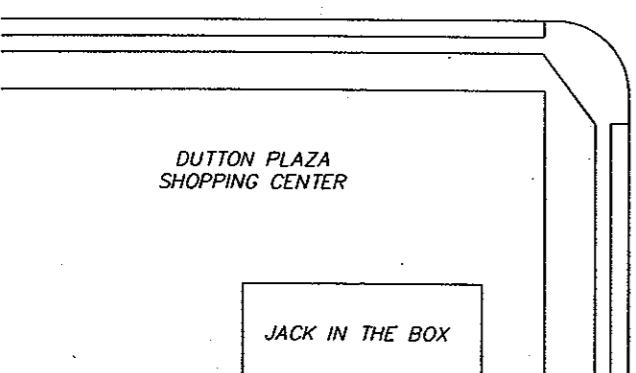
Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G = total petroleum hydrocarbons as gasoline.  $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8015. ( ) = representative of historical value.

**DISSOLVED-PHASE TPH-G CONCENTRATION MAP**  
March 29, 2005

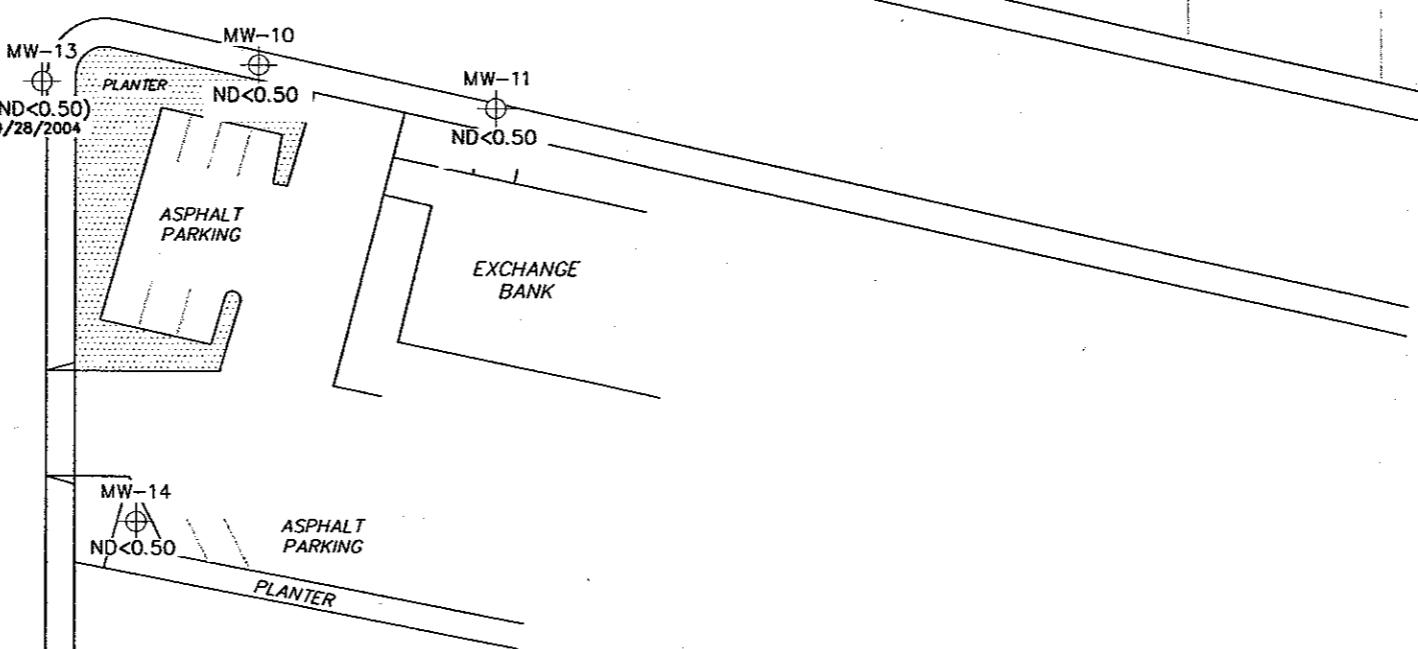
76 Station 4320  
370 Sebastopol Road  
Santa Rosa, California

**TRC**

**FIGURE 3**

**DUTTON AVENUE****NOTES:**

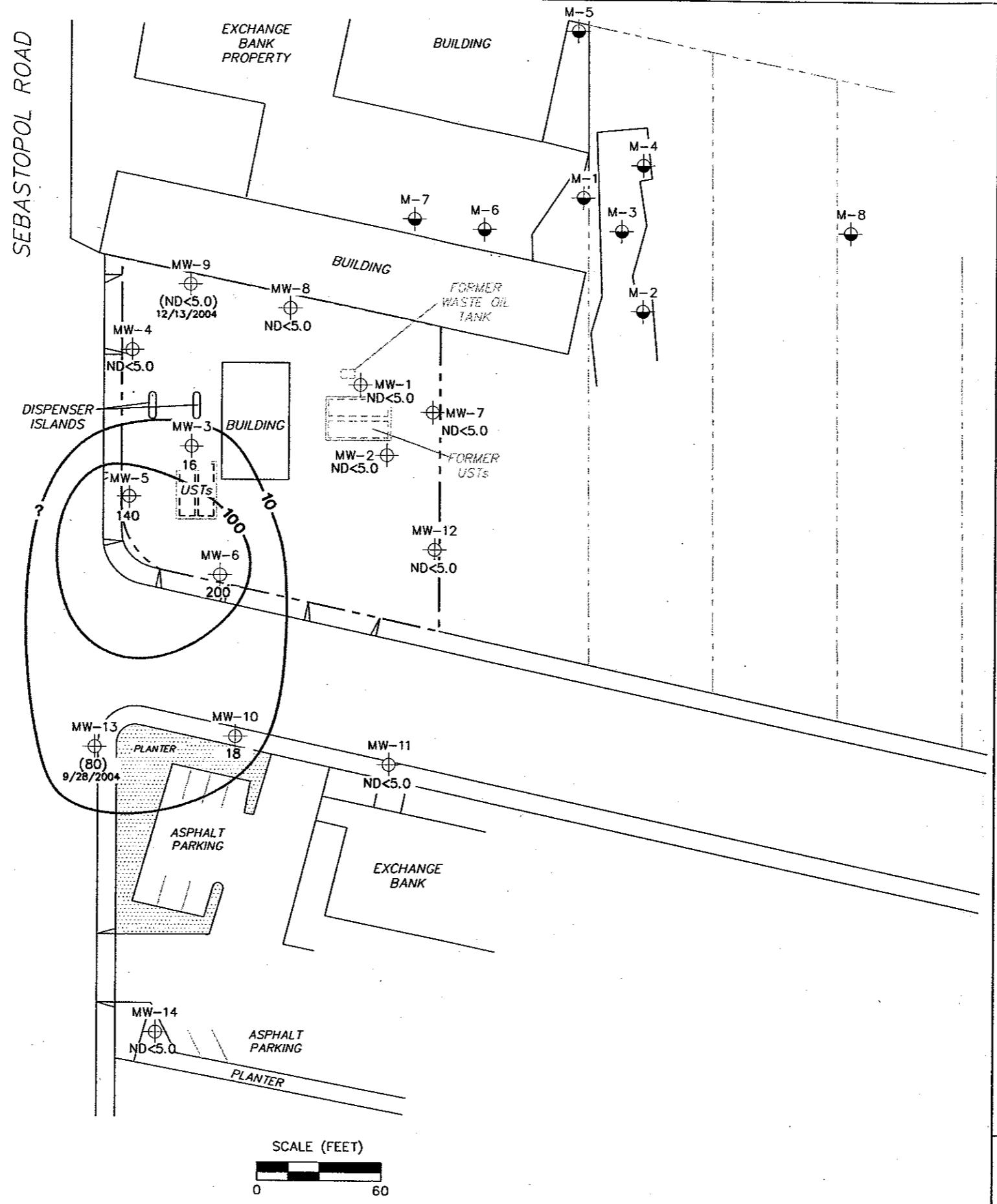
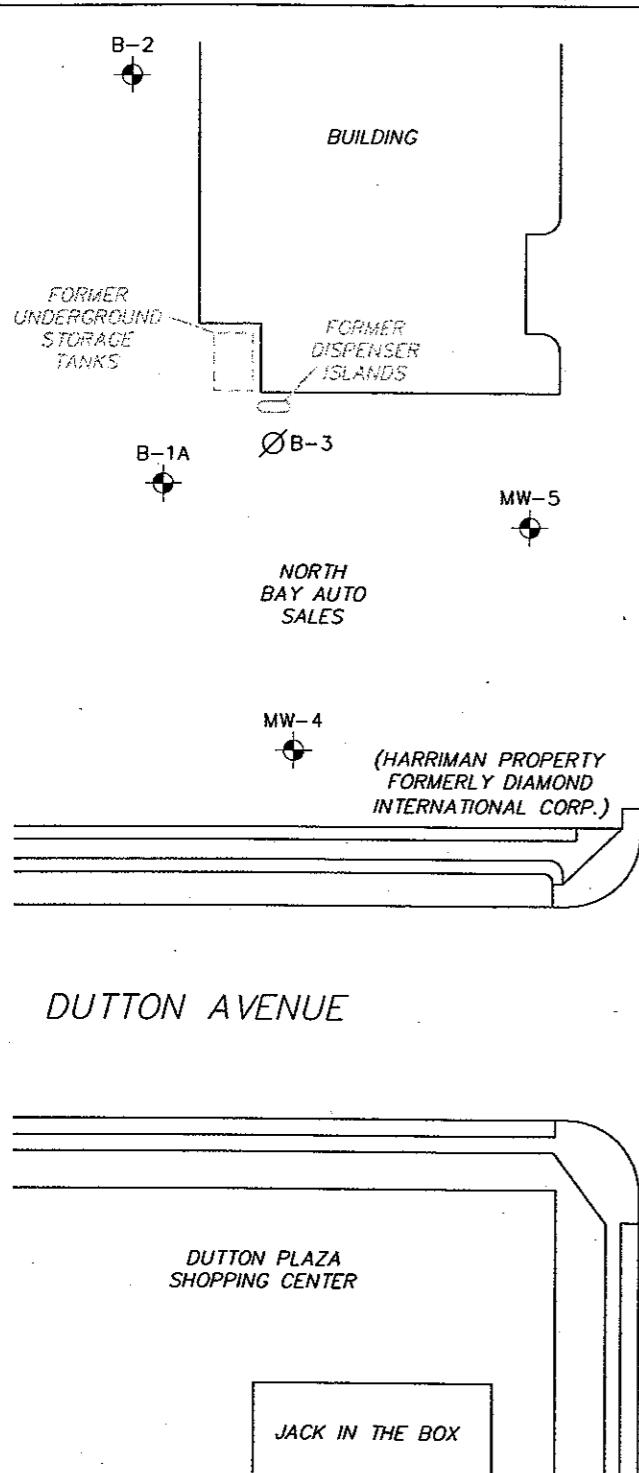
Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report.  
UST = underground storage tank. ( ) = representative of historical value.



**DISSOLVED-PHASE BENZENE CONCENTRATION MAP**  
**March 29, 2005**

76 Station 4320  
370 Sebastopol Road  
Santa Rosa, California

**TRC****FIGURE 4**

**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether.  $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8021B. ( ) = representative of historical value.

**DISSOLVED-PHASE MTBE CONCENTRATION MAP**  
March 29, 2005

76 Station 4320  
370 Sebastopol Road  
Santa Rosa, California

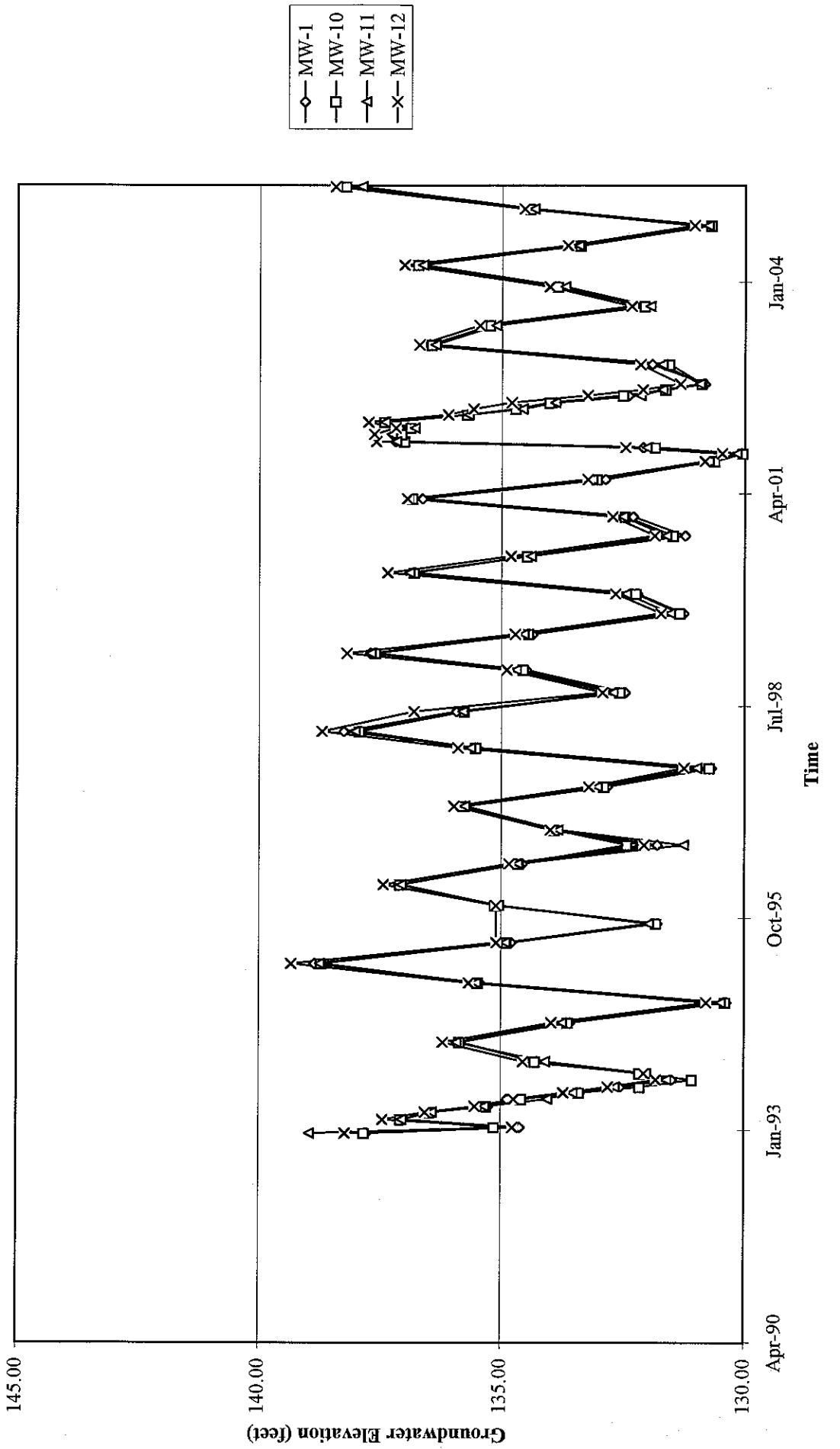
**TRC**

**TRC**

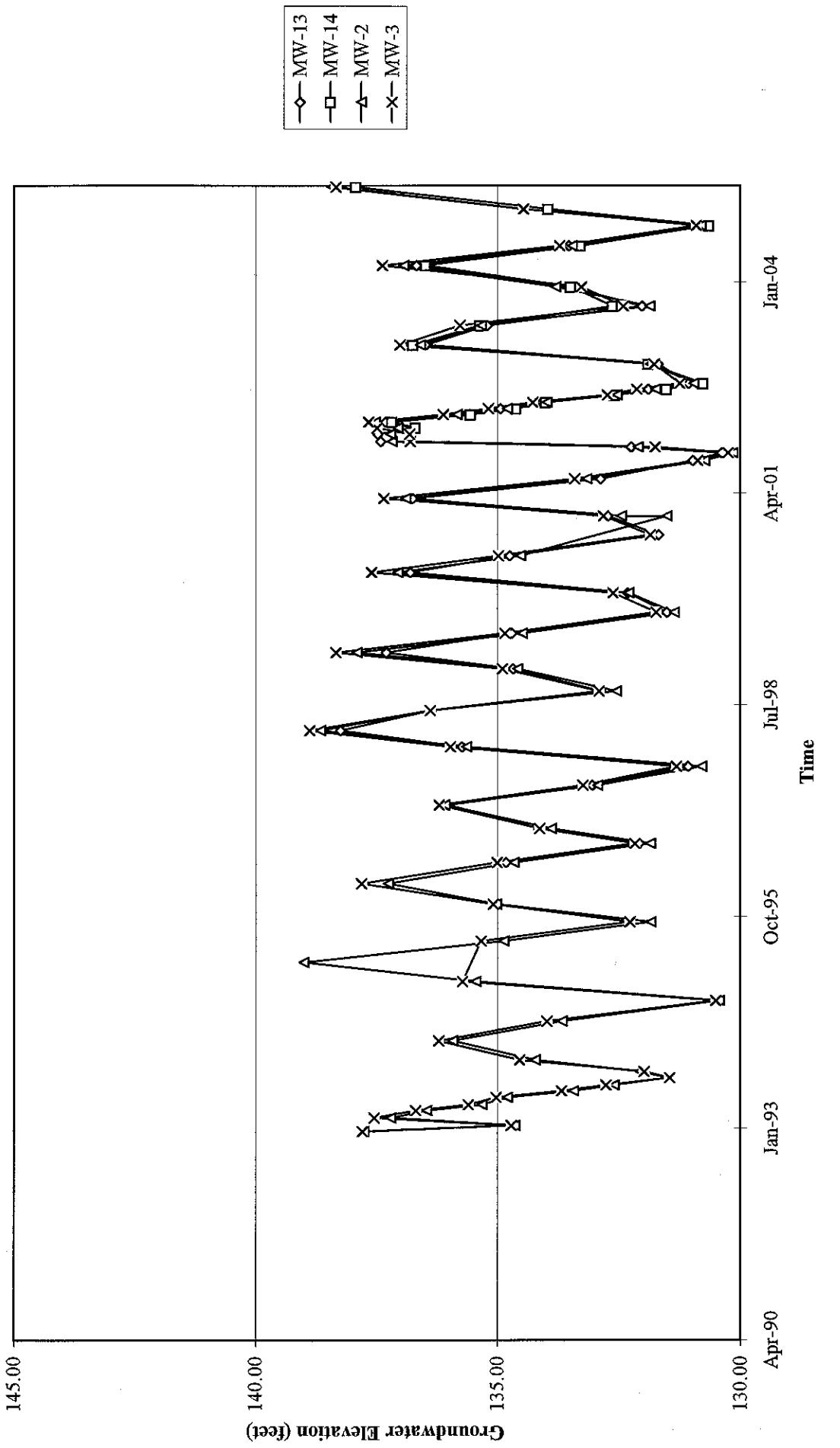
**FIGURE 5**

# GRAPHS

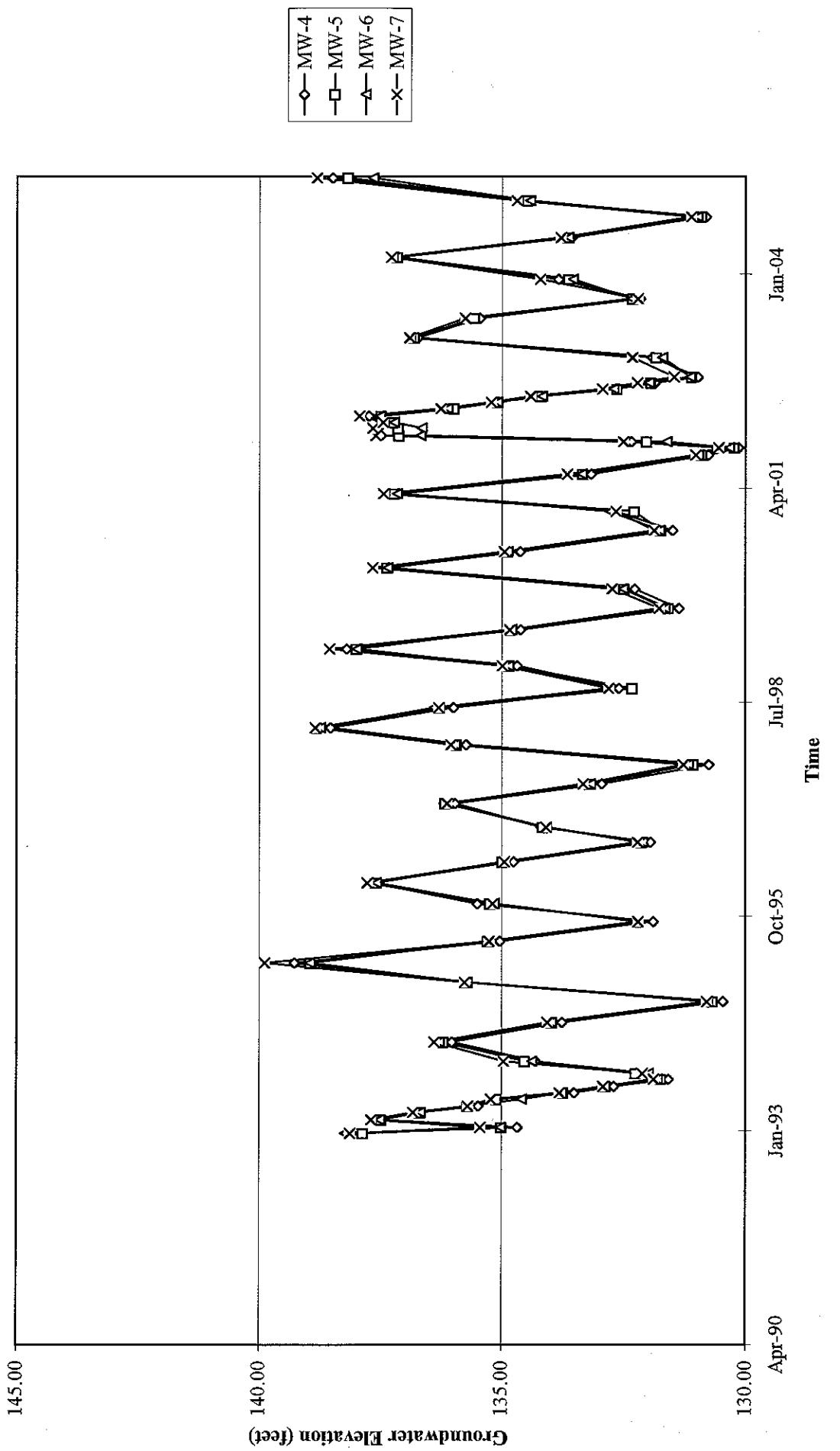
Groundwater Elevations vs. Time  
76 Station 4320



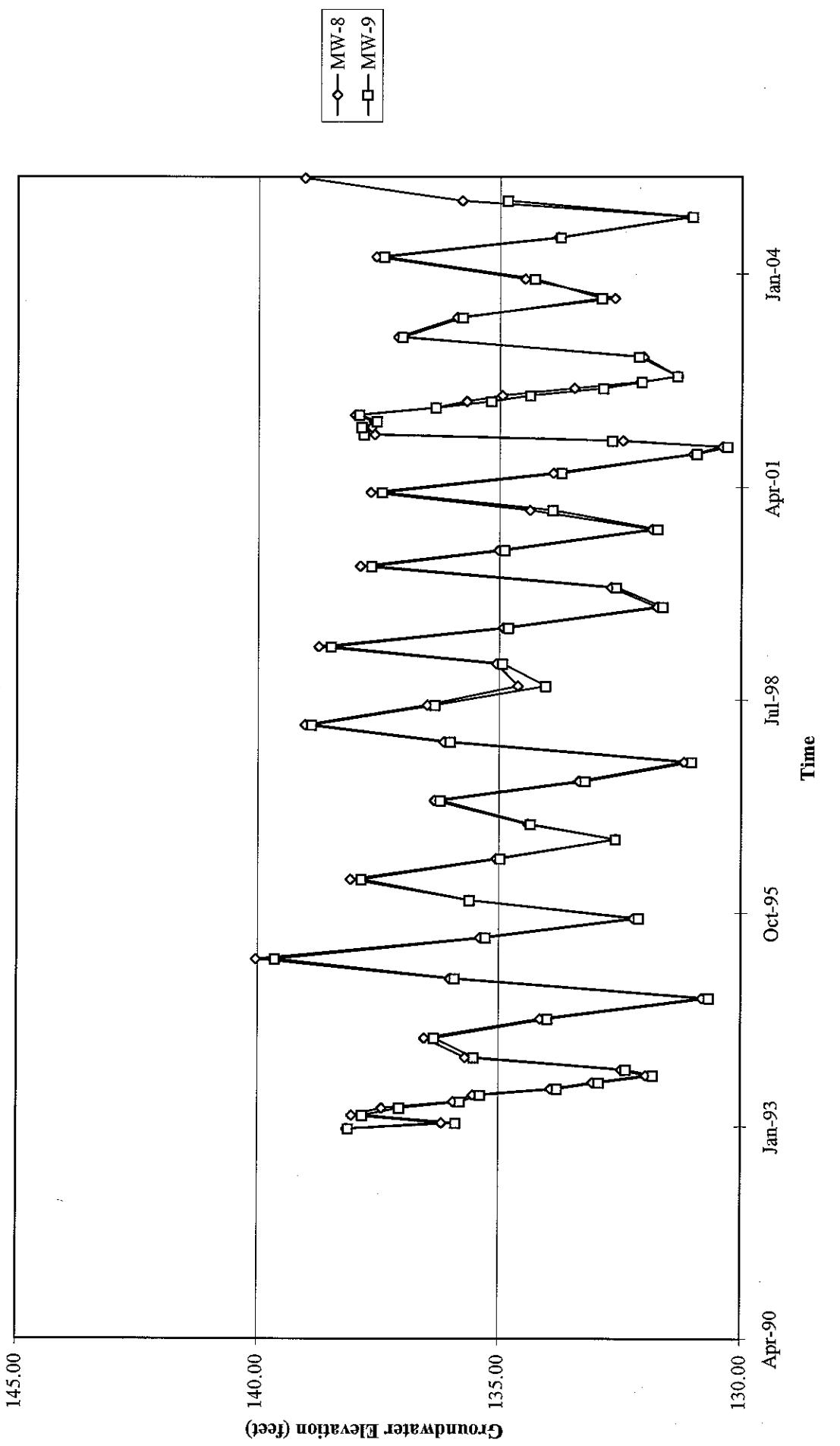
Groundwater Elevations vs. Time  
76 Station 4320



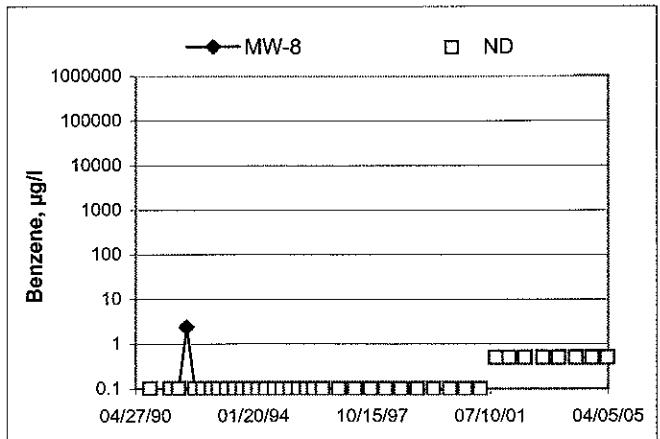
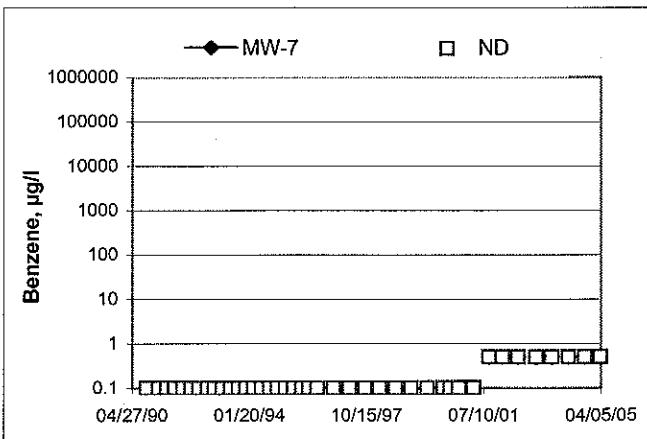
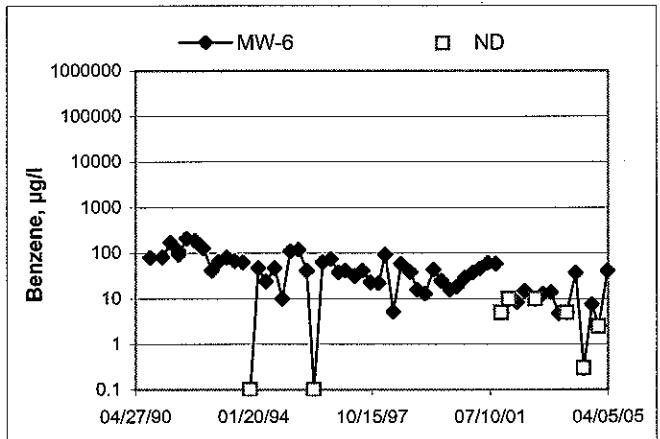
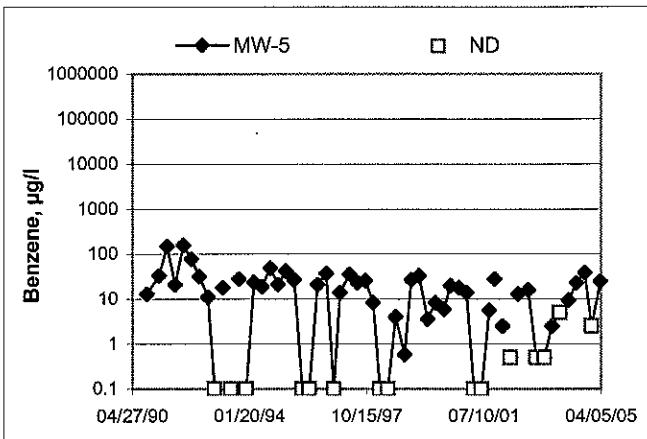
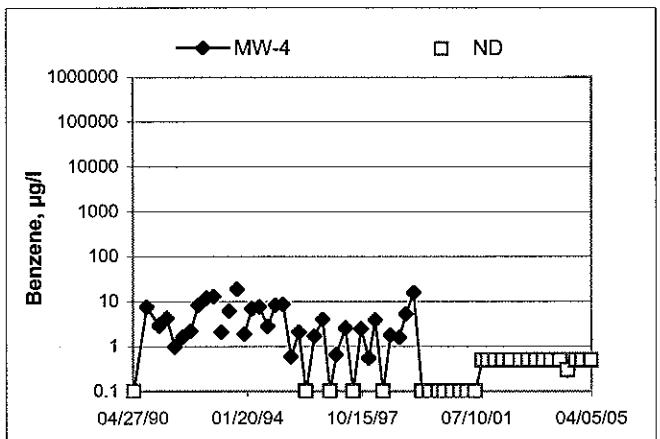
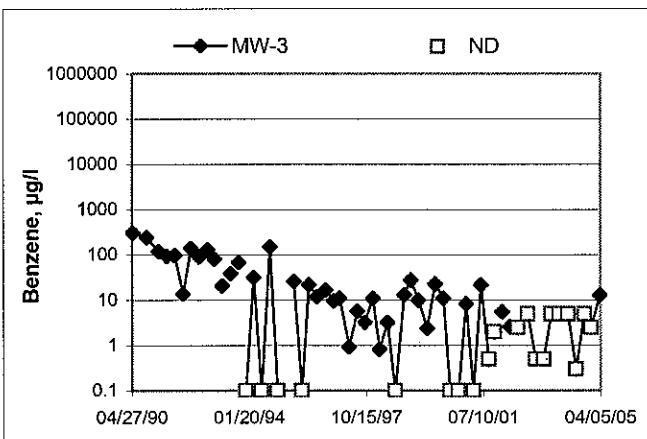
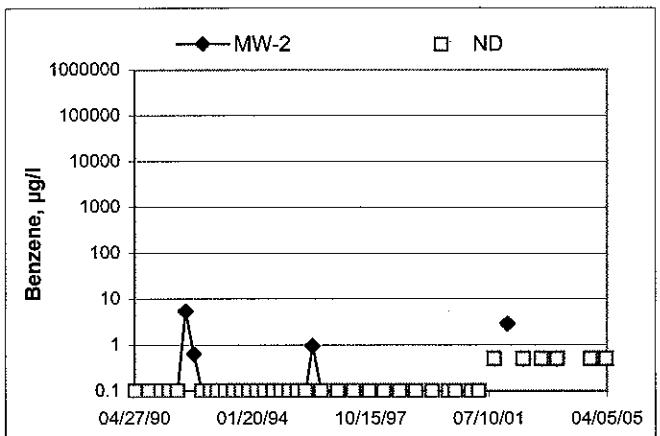
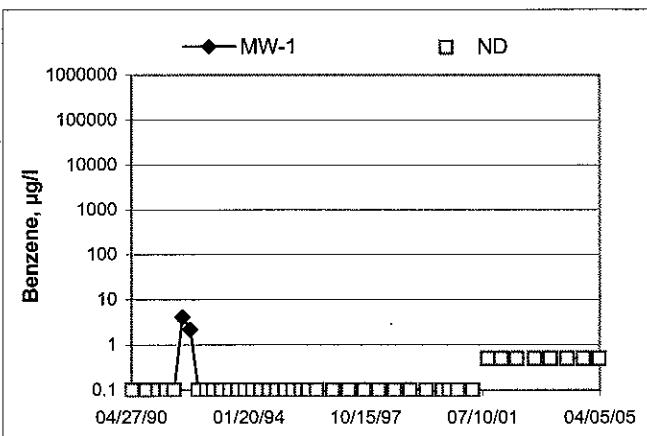
Groundwater Elevations vs. Time  
76 Station 4320



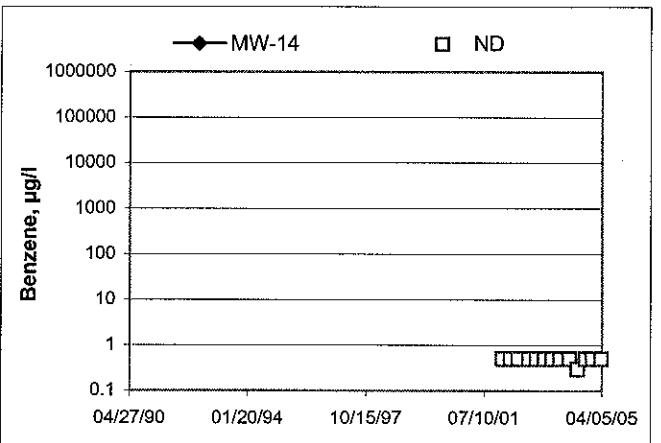
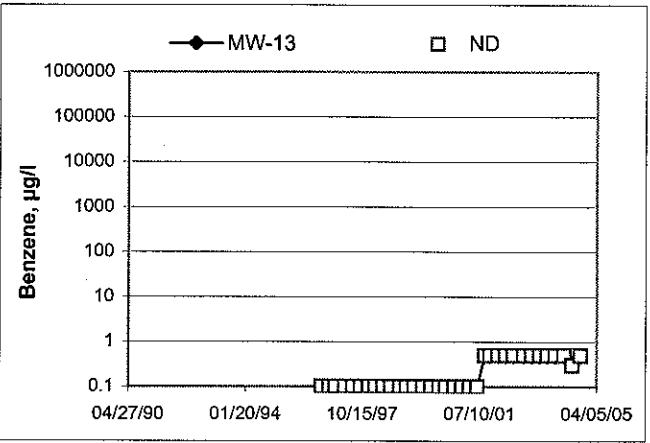
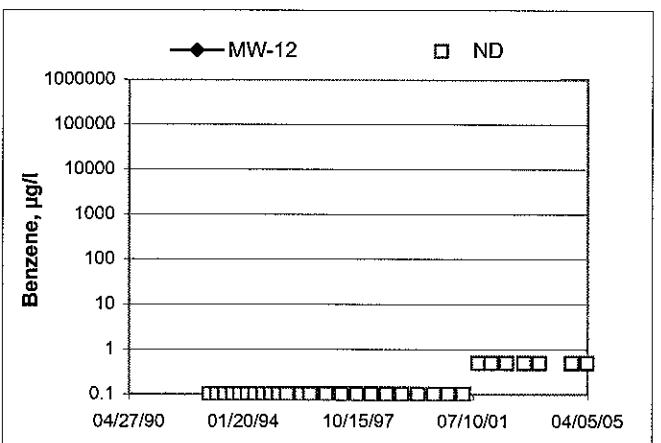
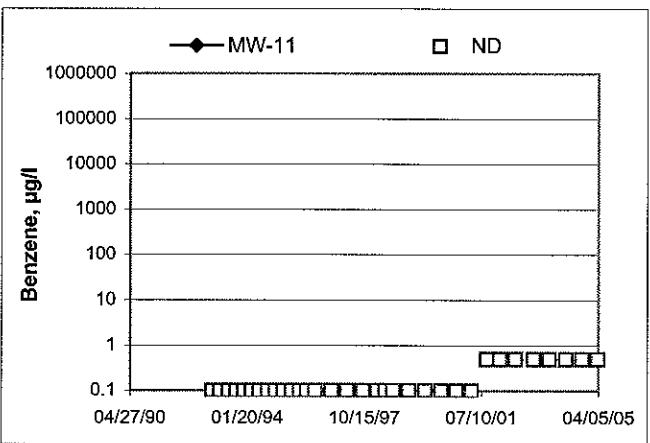
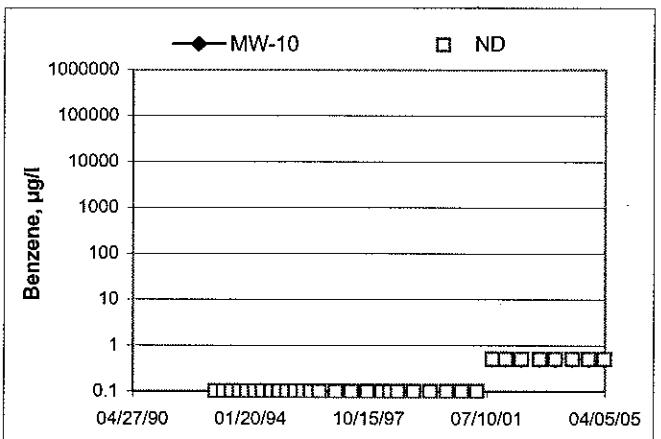
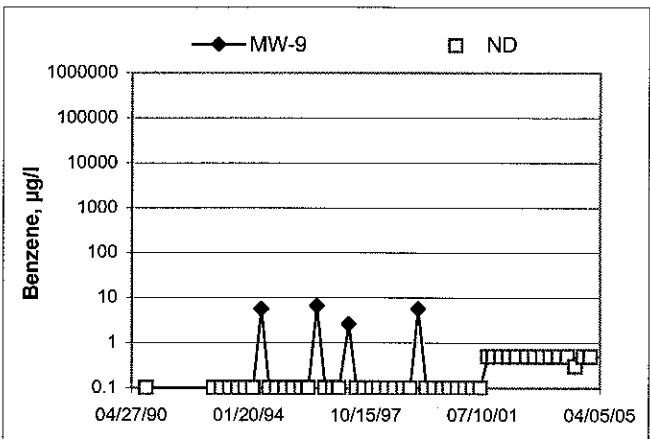
Groundwater Elevations vs. Time  
76 Station 4320



**Benzene Concentrations vs Time**  
76 Station 4320



Benzene Concentrations vs Time  
76 Station 4320



## GENERAL FIELD PROCEDURES

### **Groundwater Monitoring and Sampling Assignments**

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

### **Fluid Level Measurements**

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

### **Purging and Groundwater Parameter Measurement**

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

## **Groundwater Sample Collection**

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable,  $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

## **Sequence of Gauging, Purging, and Sampling**

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

## **Decontamination**

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

## **Exceptions**

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

# FIELD MONITORING DATA SHEET

Technician: Rick R Anthony Job #/Task #: 41050001/FA20

Date: 3/29/05

Site # 4320

Project Manager A. Collins

Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-4	/	0645	23.69	6.15	—	—	0829	2"(2) NO BOLTS
MW-9	—	—	—	—	—	—	N/S	INACCESSIBLE
MW-8	/	0652	21.93	5.75	—	—	0837	2"(3) 2 STRIPPED BOLTS 1 MISSING BOLT
MW-1	/	0656	23.23	5.76	—	—	0846	2"(0)
MW-7	/	0706	21.96	5.37	—	—	0855	2"(3) NO BOLTS
MW-2	/	0713	21.97	5.49	—	—	0908	2"(0)
MW-12	/	0716	20.94	4.84	—	—	0917	2"(2)
MW-11	/	0646	21.53	4.33	—	—	1039	2"
MW-14	/	0653	18.46	4.85	—	—	1015	2"
MW-3	/	0710	22.17	5.89	—	—	0953	2"
MW-10	—	0716	22.54	4.48	—	—	1028	2"
MW-13	—	—	—	—	—	—	—	Paved over
MW-6	/	0727	19.78	5.55	—	—	0929	2"
MW-5	/	0731	19.75	6.00	—	—	0942	2"
FIELD DATA COMPLETE			QA/QC		GOC	WELL BOX CONDITION SHEETS		
WTT CERTIFICATE			MANIFEST		DRUM INVENTORY	TRAFFIC CONTROL		

TRG

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Vicki

Site: 4320

Project No.: 41050001

Date: 3/29/05

Well No.: MW-2

Purge Method: DIA

Depth to Water (feet): 5.49

Depth to Product (feet): 8

Total Depth (feet): 21.97

1 PH & Water Recovered (gallons): 0

Water Column (feet): 16.48

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8-19

1. Well Volume (gallons): 3

Well No.: MW-12

Purge Method: DIA

Depth to Water (feet): 4.8

Depth to Product (feet):

Total Depth (feet): 20.94

LPH & Water Recovered (gallons): 6

Water Column (feet): 16.10

Casing Diameter (inches): 3"

80% Recharge Depth (feet): 8.0

1. Wall Volume (gallons):

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Nick E.

Site: 4320

Project No.: 47105001

Date: 3/29/05

Well No.: MW-1

Purge Method: DIA

Depth to Water (feet): 5.76

Depth to Product (feet): 0

Total Depth (feet): 23.23

1 PH & Water Recovered (gallons): 0

Water Column (feet): 17.47

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.25

1 Well Volume (gallons): 3

Well No.: MW-7

Purge Method: -DIA

Depth to Water (feet): 5,37

Depth to Product (feet): 12

Total Depth (feet): 21.96

| PH & Water Recovered (gallons): 0

Water Column (feet): 16.59

Casing Diameter (Inches): 2"

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Vicki K.

Site: 4320

Project No.: 41050001

Date: 3/29/05

Well No.: MW-4

Purge Method: DIA

Depth to Water (feet): 10.15

Depth to Product (feet): 0

Total Depth (feet): 23.69

LPH & Water Recovered (gallons): 63

Water Column (feet): 17.54

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.66

1 Well Volume (gallons): 30

Well No.: MW-8

Purge Method: DIA

Depth to Water (feet): 5.75

Depth to Product (feet): 0

Total Depth (feet): 21.93

LPH & Water Recovered (gallons): 0

Water Column (feet): 16.18

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.99

1 Well Volume (gallons): 3

## GROUNDWATER SAMPLING FIELD NOTES

Technician:

Anthony / RickSite: 4320

Project No.:

41050001Date: 3-29-05Well No.: MW-3Depth to Water (feet): 5.89Total Depth (feet): 22.17Water Column (feet): 16.2880% Recharge Depth (feet): 9.15Purge Method: DraDepth to Product (feet): 8LPH & Water Recovered (gallons): 8Casing Diameter (Inches): 2"1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
<u>0936</u>			<u>3</u>	<u>575</u>	<u>17.9</u>	<u>6.64</u>		
			<u>6</u>	<u>601</u>	<u>18.4</u>	<u>6.54</u>		
<u>0939</u>			<u>9</u>	<u>606</u>	<u>18.7</u>	<u>6.55</u>		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
<u>6.05</u>			<u>9</u>			<u>0953</u>		

Well No.: MW-16Depth to Water (feet): 4.48Total Depth (feet): 22.54Water Column (feet): 18.0680% Recharge Depth (feet): 8.09Purge Method: DraDepth to Product (feet): 8LPH & Water Recovered (gallons): 8Casing Diameter (Inches): 2"1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
<u>1015</u>			<u>3</u>	<u>571</u>	<u>18.1</u>	<u>6.78</u>		
			<u>6</u>	<u>588</u>	<u>17.8</u>	<u>6.69</u>		
<u>1017</u>			<u>9</u>	<u>593</u>	<u>18.2</u>	<u>6.62</u>		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
<u>6.75</u>			<u>9</u>			<u>1028</u>		

Comments: \_\_\_\_\_

## GROUNDWATER SAMPLING FIELD NOTES

Technician:

Anthony Rick

Site: 4320

Project No.:

Project No.: 41050001

Date: 3-24-05

Well No.: MW-6

Purge Method: D-a

Depth to Water (feet): 5-55

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet): 19.78

LPH & Water Recovered (gallons): 8

Water Column (feet): 1423

Casing Diameter (Inches): 2 1/2"

80% Recharge Depth (feet): 8.40

1 Well Volume (gallons): 2

Well No.: MW-5

Purge Method: Dia

Depth to Water (feet): 6.00

Depth to Product (feet): 8

Total Depth (feet): 19.75

I PH & Water Recovered (gallons): 10

Water Column (feet): 13.75

Casing Diameter (Inches): 2

## GROUNDWATER SAMPLING FIELD NOTES

Technician:

Anthony / Rick

Site: 4320

Well No.: MW-11

Depth to Water (feet): 4.33

Total Depth (feet): 21.53

Water Column (feet): 17.20

80% Recharge Depth (feet): 7.11

Project No.:

Project No.: 71050001

Date: 3-29-05

Purge Method: Dig

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 6

Casing Diameter (Inches): 2 1/2

1 Well Volume (gallons): 3

1990-1991 (1991-1992).

Well No.: MW-14

Depth to Water (feet): 4.85

Total Depth (feet): 18.46

Water Column (feet): 13.61

80% Recharge Depth (feet): 7.57

Purge Method: Dow

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 8

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

## STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 3/29/05 STATION NUMBER: 4320

NAME OF TECH: Rick R. CALLED GORDON: \_\_\_\_\_

CALLED PM: X NAME OF PM CALLED: A. Collins

WELL NUMBER: MW-9 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

CAR PARKED ON WELL

WELL NUMBER: MW-13 STATEMENT FROM PM \_\_\_\_\_ OR TECH X

PAUSED OVER

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

PAGE \_\_\_\_\_

**TRC Alton Geoscience- Irvine**

April 14, 2005

21 Technology Drive

Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips #4320

Site: 370 Sebastopol Rd. Santa rosa

Attached is our report for your samples received on 03/30/2005 15:05

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/14/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma  
Project Manager

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-11	03/29/2005 10:39	Water	1
MW-14	03/29/2005 10:15	Water	2
MW-3	03/29/2005 09:53	Water	3
MW-10	03/29/2005 10:28	Water	4
MW-6	03/29/2005 09:29	Water	5
MW-5	03/29/2005 09:42	Water	6
MW-4	03/29/2005 08:29	Water	7
MW-8	03/29/2005 08:37	Water	8
MW-1	03/29/2005 08:46	Water	9
MW-7	03/29/2005 08:55	Water	10
MW-2	03/29/2005 09:08	Water	11
MW-12	03/29/2005 09:17	Water	12

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-11	Lab ID:	2005-04-0021 - 1
Sampled:	03/29/2005 10:39	Extracted:	4/8/2005 19:31
Matrix:	Water	QC Batch#:	2005/04/08-1A.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/08/2005 19:31	
Benzene	ND	0.50	ug/L	1.00	04/08/2005 19:31	
Toluene	ND	0.50	ug/L	1.00	04/08/2005 19:31	
Ethyl benzene	ND	0.50	ug/L	1.00	04/08/2005 19:31	
Xylene(s)	ND	0.50	ug/L	1.00	04/08/2005 19:31	
MTBE	ND	5.0	ug/L	1.00	04/08/2005 19:31	
<b>Surrogate(s)</b>						
Trifluorotoluene	108.5	58-124	%	1.00	04/08/2005 19:31	
4-Bromofluorobenzene-FID	85.2	50-150	%	1.00	04/08/2005 19:31	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-14	Lab ID:	2005-04-0021 -2
Sampled:	03/29/2005 10:15	Extracted:	4/8/2005 20:05
Matrix:	Water	QC Batch#:	2005/04/08-1A.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/08/2005 20:05	
Benzene	ND	0.50	ug/L	1.00	04/08/2005 20:05	
Toluene	ND	0.50	ug/L	1.00	04/08/2005 20:05	
Ethyl benzene	ND	0.50	ug/L	1.00	04/08/2005 20:05	
Xylene(s)	ND	0.50	ug/L	1.00	04/08/2005 20:05	
MTBE	ND	5.0	ug/L	1.00	04/08/2005 20:05	
<i>Surrogate(s)</i>						
Trifluorotoluene	114.0	58-124	%	1.00	04/08/2005 20:05	
4-Bromofluorobenzene-FID	91.0	50-150	%	1.00	04/08/2005 20:05	

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-3	Lab ID:	2005-04-0021 - 3
Sampled:	03/29/2005 09:53	Extracted:	4/9/2005 18:37
Matrix:	Water	QC Batch#:	2005/04/09-01.05
Analysis Flag: L2 ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	1100	100	ug/L	2.00	04/09/2005 18:37	
Benzene	13	1.0	ug/L	2.00	04/09/2005 18:37	
Toluene	1.8	1.0	ug/L	2.00	04/09/2005 18:37	
Ethyl benzene	1.0	1.0	ug/L	2.00	04/09/2005 18:37	
Xylene(s)	2.8	1.0	ug/L	2.00	04/09/2005 18:37	
MTBE	16	10	ug/L	2.00	04/09/2005 18:37	
<b>Surrogate(s)</b>						
Trifluorotoluene	112.1	58-124	%	2.00	04/09/2005 18:37	
4-Bromofluorobenzene-FID	96.1	50-150	%	2.00	04/09/2005 18:37	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-10	Lab ID:	2005-04-0021 - 4
Sampled:	03/29/2005 10:28	Extracted:	4/9/2005 19:10
Matrix:	Water	QC Batch#:	2005/04/09-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/09/2005 19:10	
Benzene	ND	0.50	ug/L	1.00	04/09/2005 19:10	
Toluene	ND	0.50	ug/L	1.00	04/09/2005 19:10	
Ethyl benzene	ND	0.50	ug/L	1.00	04/09/2005 19:10	
Xylene(s)	ND	0.50	ug/L	1.00	04/09/2005 19:10	
MTBE	18	5.0	ug/L	1.00	04/09/2005 19:10	
<b>Surrogate(s)</b>						
Trifluorotoluene	114.1	58-124	%	1.00	04/09/2005 19:10	
4-Bromofluorobenzene-FID	90.9	50-150	%	1.00	04/09/2005 19:10	

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-6	Lab ID:	2005-04-0021 - 5
Sampled:	03/29/2005 09:29	Extracted:	4/9/2005 19:44
Matrix:	Water	QC Batch#:	2005/04/09-01.05
Analysis Flag: L2 ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	3600	500	ug/L	10.00	04/09/2005 19:44	Q1
Benzene	41	5.0	ug/L	10.00	04/09/2005 19:44	
Toluene	ND	5.0	ug/L	10.00	04/09/2005 19:44	
Ethyl benzene	ND	5.0	ug/L	10.00	04/09/2005 19:44	
Xylene(s)	9.5	5.0	ug/L	10.00	04/09/2005 19:44	
MTBE	200	50	ug/L	10.00	04/09/2005 19:44	
<b>Surrogate(s)</b>						
Trifluorotoluene	102.5	58-124	%	10.00	04/09/2005 19:44	
4-Bromofluorobenzene-FID	91.6	50-150	%	10.00	04/09/2005 19:44	

## Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-5	Lab ID:	2005-04-0021 - 6
Sampled:	03/29/2005 09:42	Extracted:	4/11/2005 12:45
Matrix:	Water	QC Batch#:	2005/04/11-1A.05
Analysis Flag: L2 ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	1400	100	ug/L	2.00	04/11/2005 12:45	Q1
Benzene	25	1.0	ug/L	2.00	04/11/2005 12:45	
Toluene	5.8	1.0	ug/L	2.00	04/11/2005 12:45	
Ethyl benzene	ND	1.0	ug/L	2.00	04/11/2005 12:45	
Xylene(s)	ND	1.0	ug/L	2.00	04/11/2005 12:45	
MTBE	140	10	ug/L	2.00	04/11/2005 12:45	
<b>Surrogate(s)</b>						
Trifluorotoluene	113.7	58-124	%	2.00	04/11/2005 12:45	
Trifluorotoluene-FID	130.3	58-124	%	2.00	04/11/2005 12:45	S4

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	<b>MW-4</b>	Lab ID:	2005-04-0021 - 7
Sampled:	03/29/2005 08:29	Extracted:	4/9/2005 20:50
Matrix:	Water	QC Batch#:	2005/04/09-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	140	50	ug/L	1.00	04/09/2005 20:50	Q1
Benzene	ND	0.50	ug/L	1.00	04/09/2005 20:50	
Toluene	ND	0.50	ug/L	1.00	04/09/2005 20:50	
Ethyl benzene	ND	0.50	ug/L	1.00	04/09/2005 20:50	
Xylene(s)	ND	0.50	ug/L	1.00	04/09/2005 20:50	
MTBE	ND	5.0	ug/L	1.00	04/09/2005 20:50	
<b>Surrogate(s)</b>						
Trifluorotoluene	110.5	58-124	%	1.00	04/09/2005 20:50	
4-Bromofluorobenzene-FID	89.7	50-150	%	1.00	04/09/2005 20:50	

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-8	Lab ID:	2005-04-0021 - 8
Sampled:	03/29/2005 08:37	Extracted:	4/9/2005 21:24
Matrix:	Water	QC Batch#:	2005/04/09-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/09/2005 21:24	
Benzene	ND	0.50	ug/L	1.00	04/09/2005 21:24	
Toluene	ND	0.50	ug/L	1.00	04/09/2005 21:24	
Ethyl benzene	ND	0.50	ug/L	1.00	04/09/2005 21:24	
Xylene(s)	ND	0.50	ug/L	1.00	04/09/2005 21:24	
MTBE	ND	5.0	ug/L	1.00	04/09/2005 21:24	
<b>Surrogate(s)</b>						
Trifluorotoluene	107.6	58-124	%	1.00	04/09/2005 21:24	
4-Bromofluorobenzene-FID	92.6	50-150	%	1.00	04/09/2005 21:24	

## Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B			
Sample ID:	MW-1	Lab ID:	2005-04-0021 - 9			
Sampled:	03/29/2005 08:46	Extracted:	4/10/2005 01:18			
Matrix:	Water	QC Batch#:	2005/04/09-01.05			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/10/2005 01:18	
Benzene	ND	0.50	ug/L	1.00	04/10/2005 01:18	
Toluene	ND	0.50	ug/L	1.00	04/10/2005 01:18	
Ethyl benzene	ND	0.50	ug/L	1.00	04/10/2005 01:18	
Xylene(s)	ND	0.50	ug/L	1.00	04/10/2005 01:18	
MTBE	ND	5.0	ug/L	1.00	04/10/2005 01:18	
<b>Surrogate(s)</b>						
Trifluorotoluene	98.6	58-124	%	1.00	04/10/2005 01:18	
4-Bromofluorobenzene-FID	90.8	50-150	%	1.00	04/10/2005 01:18	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-7	Lab ID:	2005-04-0021 - 10
Sampled:	03/29/2005 08:55	Extracted:	4/10/2005 01:52
Matrix:	Water	QC Batch#:	2005/04/09-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/10/2005 01:52	
Benzene	ND	0.50	ug/L	1.00	04/10/2005 01:52	
Toluene	ND	0.50	ug/L	1.00	04/10/2005 01:52	
Ethyl benzene	ND	0.50	ug/L	1.00	04/10/2005 01:52	
Xylene(s)	ND	0.50	ug/L	1.00	04/10/2005 01:52	
MTBE	ND	5.0	ug/L	1.00	04/10/2005 01:52	
<b>Surrogate(s)</b>						
Trifluorotoluene	100.4	58-124	%	1.00	04/10/2005 01:52	
4-Bromofluorobenzene-FID	92.1	50-150	%	1.00	04/10/2005 01:52	

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-2	Lab ID:	2005-04-0021 - 11
Sampled:	03/29/2005 09:08	Extracted:	4/10/2005 02:25
Matrix:	Water	QC Batch#:	2005/04/09-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/10/2005 02:25	
Benzene	ND	0.50	ug/L	1.00	04/10/2005 02:25	
Toluene	ND	0.50	ug/L	1.00	04/10/2005 02:25	
Ethyl benzene	ND	0.50	ug/L	1.00	04/10/2005 02:25	
Xylene(s)	ND	0.50	ug/L	1.00	04/10/2005 02:25	
MTBE	ND	5.0	ug/L	1.00	04/10/2005 02:25	
<b>Surrogate(s)</b>						
Trifluorotoluene	99.5	58-124	%	1.00	04/10/2005 02:25	
4-Bromofluorobenzene-FID	91.9	50-150	%	1.00	04/10/2005 02:25	

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	MW-12	Lab ID:	2005-04-0021 - 12
Sampled:	03/29/2005 09:17	Extracted:	4/10/2005 02:59
Matrix:	Water	QC Batch#:	2005/04/09-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	04/10/2005 02:59	
Benzene	ND	0.50	ug/L	1.00	04/10/2005 02:59	
Toluene	ND	0.50	ug/L	1.00	04/10/2005 02:59	
Ethyl benzene	ND	0.50	ug/L	1.00	04/10/2005 02:59	
Xylene(s)	ND	0.50	ug/L	1.00	04/10/2005 02:59	
MTBE	ND	5.0	ug/L	1.00	04/10/2005 02:59	
<b>Surrogate(s)</b>						
Trifluorotoluene	99.4	58-124	%	1.00	04/10/2005 02:59	
4-Bromofluorobenzene-FID	94.4	50-150	%	1.00	04/10/2005 02:59	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**Prep(s): 5030  
5030Test(s): 8015M  
8021B**Method Blank****Water****QC Batch # 2005/04/08-1A-05**

MB: 2005/04/08-1A.05-003

Date Extracted: 04/08/2005 08:29

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/08/2005 08:29	
Benzene	ND	0.5	ug/L	04/08/2005 08:29	
Toluene	ND	0.5	ug/L	04/08/2005 08:29	
Ethyl benzene	ND	0.5	ug/L	04/08/2005 08:29	
Xylene(s)	ND	0.5	ug/L	04/08/2005 08:29	
MTBE	ND	5.0	ug/L	04/08/2005 08:29	
<b>Surrogates(s)</b>					
Trifluorotoluene	113.4	58-124	%	04/08/2005 08:29	
4-Bromofluorobenzene-FID	101.4	50-150	%	04/08/2005 08:29	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

5030

8021B

**Method Blank****Water****QC Batch # 2005/04/09-01.05**

MB: 2005/04/09-01.05-003

Date Extracted: 04/09/2005 11:48

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/09/2005 11:48	
Benzene	ND	0.5	ug/L	04/09/2005 11:48	
Toluene	ND	0.5	ug/L	04/09/2005 11:48	
Ethyl benzene	ND	0.5	ug/L	04/09/2005 11:48	
Xylene(s)	ND	0.5	ug/L	04/09/2005 11:48	
MTBE	ND	5.0	ug/L	04/09/2005 11:48	
<b>Surrogates(s)</b>					
Trifluorotoluene	114.0	58-124	%	04/09/2005 11:48	
4-Bromofluorobenzene-FID	93.0	50-150	%	04/09/2005 11:48	

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**Prep(s): 5030  
5030Test(s): 8015M  
8021B**Method Blank****Water****QC Batch # 2005/04/11-1A.05**

MB: 2005/04/11-1A.05-003

Date Extracted: 04/11/2005 08:46

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	04/11/2005 08:46	
Benzene	ND	0.5	ug/L	04/11/2005 08:46	
Toluene	ND	0.5	ug/L	04/11/2005 08:46	
Ethyl benzene	ND	0.5	ug/L	04/11/2005 08:46	
Xylene(s)	ND	0.5	ug/L	04/11/2005 08:46	
MTBE	ND	5.0	ug/L	04/11/2005 08:46	
<b>Surrogates(s)</b>					
Trifluorotoluene	104.8	58-124	%	04/11/2005 08:46	
4-Bromofluorobenzene-FID	94.2	50-150	%	04/11/2005 08:46	

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

## Batch QC Report

Prep(s): 5030

Test(s): 8021B

## Laboratory Control Spike

## Water

QC Batch # 2005/04/08-1A.05

LCS 2005/04/08-1A.05-004

Extracted: 04/08/2005

Analyzed: 04/08/2005 09:02

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	54.3		50	108.6		77-123	20			
Toluene	55.0		50	110.0		78-122	20			
Ethyl benzene	53.9		50	107.8		70-130	20			
Xylene(s)	161		150	107.3		75-125	20			
<b>Surrogates(s)</b>										
Trifluorotoluene	572		500	114.4		58-124				

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

## Batch QC Report

Prep(s): 5030

Test(s): 8015M

## Laboratory Control Spike

## Water

QC Batch # 2005/04/08-1A.05

LCS 2005/04/08-1A.05-005

Extracted: 04/08/2005

Analyzed: 04/08/2005 09:36

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
GRO (C6-C12)	238		250	95.2		75-125	20			
<b>Surrogates(s)</b> 4-Bromofluorobenzene-FID	502		500	100.4		50-150				

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04/13/2005 15:05

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**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

**Laboratory Control Spike****Water****QC Batch # 2005/04/09-01.05**LCS 2005/04/09-01.05-004  
LCSD

Extracted: 04/09/2005

Analyzed: 04/09/2005 12:21

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	51.9		50.0	103.8			77-123	20		
Toluene	52.9		50.0	105.8			78-122	20		
Ethyl benzene	52.4		50.0	104.8			70-130	20		
Xylene(s)	158		150	105.3			75-125	20		
<b>Surrogates(s)</b>										
Trifluorotoluene	581		500	116.2			58-124			

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**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Laboratory Control Spike****Water****QC Batch # 2005/04/09-01.05**

LCS 2005/04/09-01.05-005

Extracted: 04/09/2005

Analyzed: 04/09/2005 12:55

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
GRO (C6-C12)	220		250	88.0			75-125	20		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	480		500	96.0			50-150			

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

**Laboratory Control Spike****Water****QC Batch # 2005/04/11-1A.05**

LCS 2005/04/11-1A.05-004

Extracted: 04/11/2005

Analyzed: 04/11/2005 09:19

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	53.4		50	106.8			77-123	20		
Toluene	53.1		50	106.2			78-122	20		
Ethyl benzene	52.5		50	105.0			70-130	20		
Xylene(s)	160		150	106.7			75-125	20		
<b>Surrogates(s)</b>							58-124			
Trifluorotoluene	568		500	113.6						

**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Laboratory Control Spike****Water****QC Batch # 2005/04/11-1A.05**

LCS 2005/04/11-1A.05-005

Extracted: 04/11/2005

Analyzed: 04/11/2005 09:53

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
GRO (C6-C12)	235		250	94.0			75-125	20		
<b>Surrogates(s)</b> 4-Bromofluorobenzene-FID	479		500	95.8			50-150			

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**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

**Matrix Spike ( MS / MSD )****Water****QC Batch # 2005/04/08-1A.05**

MS/MSD

Lab ID: 2005-03-0911 - 003

MS: 2005/04/08-1A.05-018

Extracted: 04/08/2005

Analyzed: 04/08/2005 17:18

MSD: 2005/04/08-1A.05-019

Extracted: 04/08/2005

Dilution: 1.00

Analyzed: 04/08/2005 17:51

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	50.0	53.6	ND	50	100.0	107.2	6.9	65-135	20		
Toluene	50.0	54.8	ND	50	100.0	109.6	9.2	65-135	20		
Ethyl benzene	48.3	53.6	ND	50	96.6	107.2	10.4	65-135	20		
Xylene(s)	149	163	ND	150	99.3	108.7	9.0	65-135	20		
<b>Surrogate(s)</b>											
Trifluorotoluene	531	548		500	106.2	109.6		58-124			

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**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Matrix Spike ( MS / MSD )****Water****QC Batch # 2005/04/08-1A.05**

MS/MSD

Lab ID: 2005-03-0911 - 004

MS: 2005/04/08-1A.05-020

Extracted: 04/08/2005

Analyzed: 04/08/2005 18:25

MSD: 2005/04/08-1A.05-021

Extracted: 04/08/2005

Dilution: 1.00

Analyzed: 04/08/2005 18:58

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
GRO (C6-C12)	222	227	ND	250	88.8	90.8	2.2	65-135	20		
<i>Surrogate(s)</i> 4-Bromofluorobenzene-FID	453	470		500	90.6	94.0		50-150			

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## Gas/BTEX Compounds by 8015M/8021

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Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

## Batch QC Report

Prep(s): 5030

Test(s): 8021B

## Matrix Spike ( MS / MSD )

## Water

QC Batch # 2005/04/09-01.05

MW-10 &gt;&gt; MS

Lab ID: 2005-04-0021 - 004

MS: 2005/04/09-01.05-021

Extracted: 04/09/2005

Analyzed: 04/09/2005 21:57

MSD: 2005/04/09-01.05-022

Extracted: 04/09/2005

Dilution: 1.00

Analyzed: 04/09/2005 22:30

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	54.3	52.7	ND	50.0	108.6	105.4	3.0	65-135	20		
Toluene	55.4	52.5	ND	50.0	110.8	105.0	5.4	65-135	20		
Ethyl benzene	55.1	50.9	ND	50.0	110.2	101.8	7.9	65-135	20		
Xylene(s)	168	154	ND	150	112.0	102.7	8.7	65-135	20		
<b>Surrogate(s)</b>											
Trifluorotoluene	532	519		500	106.4	103.7		58-124			

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**Gas/BTEX Compounds by 8015M/8021**

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Matrix Spike ( MS / MSD )****Water****QC Batch # 2005/04/09-01.05**

MW-4 &gt;&gt; MS

Lab ID: 2005-04-0021 - 007

MS: 2005/04/09-01.05-023

Extracted: 04/09/2005

Analyzed: 04/09/2005 23:04

MSD: 2005/04/09-01.05-024

Extracted: 04/09/2005

Dilution: 1.00

Analyzed: 04/09/2005 23:37

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
GRO (C6-C12)	310	317	136	250	69.6	72.4	3.9	65-135	20		
<i>Surrogate(s)</i> 4-Bromofluorobenzene-FID	478	501		500	95.6	100.2		50-150			

## Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

## Batch QC Report

Prep(s): 5030

Test(s): 8021B

## Matrix Spike ( MS / MSD )

## Water

## QC Batch # 2005/04/11-1A.05

MS/MSD

Lab ID: 2005-04-0049 - 011

MS: 2005/04/11-1A.05-030

Extracted: 04/12/2005

Analyzed: 04/12/2005 01:12

MSD: 2005/04/11-1A.05-031

Extracted: 04/12/2005

Dilution: 1.00

Analyzed: 04/12/2005 01:45

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	50.4	53.3	ND	50	100.8	106.6	5.6	65-135	20		
Toluene	51.3	54.4	ND	50	102.6	108.8	5.9	65-135	20		
Ethyl benzene	49.9	53.4	ND	50	99.8	106.8	6.8	65-135	20		
Xylene(s)	152	161	ND	150	101.3	107.3	5.8	65-135	20		
<b>Surrogate(s)</b>											
Trifluorotoluene	529	519		500	105.8	103.8		58-124			

## Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

## Batch QC Report

Prep(s):	5030	Test(s):	8015M
<b>Matrix Spike ( MS / MSD )</b>			
MS/MSD		Water	QC Batch # 2005/04/11-1A.05
MS:	2005/04/11-1A.05-032	Extracted: 04/12/2005	Lab ID: 2005-04-0049 - 012
MSD:	2005/04/11-1A.05-033	Extracted: 04/12/2005	Analyzed: 04/12/2005 02:19 Dilution: 1.00 Analyzed: 04/12/2005 02:52 Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
GRO (C6-C12)	197	205	ND	250	78.8	82.0	4.0	65-135	20		
<i>Surrogate(s)</i> 4-Bromofluorobenzene-FID	437	455		500	87.4	91.0		50-150			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

04/13/2005 15:05

Page 28 of 29

**Gas/BTEX Compounds by 8015M/8021**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Legend and Notes****Analysis Flag****L2**

Reporting limits were raised due to high level of analyte present  
in the sample.

**Result Flag****Q1**

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

**S4**

Surrogate recovery was higher than QC limit due to matrix interference.

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-11	03/29/2005 10:39	Water	1
MW-14	03/29/2005 10:15	Water	2
MW-3	03/29/2005 09:53	Water	3
MW-10	03/29/2005 10:28	Water	4
MW-6	03/29/2005 09:29	Water	5
MW-5	03/29/2005 09:42	Water	6

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	<b>MW-11</b>	Lab ID:	2005-04-0021 - 1
Sampled:	03/29/2005 10:39	Extracted:	4/12/2005 13:57
Matrix:	Water	QC Batch#:	2005/04/12-1B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/12/2005 13:57	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/12/2005 13:57	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	04/12/2005 13:57	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	04/12/2005 13:57	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	04/12/2005 13:57	
1,2-DCA	ND	0.50	ug/L	1.00	04/12/2005 13:57	
EDB	ND	0.50	ug/L	1.00	04/12/2005 13:57	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	94.2	73-130	%	1.00	04/12/2005 13:57	
Toluene-d8	97.9	81-114	%	1.00	04/12/2005 13:57	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s): 5030B  
Sample ID: MW-14  
Sampled: 03/29/2005 10:15  
Matrix: Water

Test(s): 8260B  
Lab ID: 2005-04-0021 - 2  
Extracted: 4/12/2005 14:23  
QC Batch#: 2005/04/12-1B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/12/2005 14:23	
Methyl tert-butyl ether (MTBE)	1.7	0.50	ug/L	1.00	04/12/2005 14:23	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	04/12/2005 14:23	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	04/12/2005 14:23	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	04/12/2005 14:23	
1,2-DCA	ND	0.50	ug/L	1.00	04/12/2005 14:23	
EDB	ND	0.50	ug/L	1.00	04/12/2005 14:23	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	93.6	73-130	%	1.00	04/12/2005 14:23	
Toluene-d8	98.8	81-114	%	1.00	04/12/2005 14:23	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2005-04-0021 - 3
Sampled:	03/29/2005 09:53	Extracted:	4/12/2005 14:49
Matrix:	Water	QC Batch#:	2005/04/12-1B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/12/2005 14:49	
Methyl tert-butyl ether (MTBE)	8.8	0.50	ug/L	1.00	04/12/2005 14:49	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	04/12/2005 14:49	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	04/12/2005 14:49	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	04/12/2005 14:49	
1,2-DCA	ND	0.50	ug/L	1.00	04/12/2005 14:49	
EDB	ND	0.50	ug/L	1.00	04/12/2005 14:49	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	89.2	73-130	%	1.00	04/12/2005 14:49	
Toluene-d8	100.7	81-114	%	1.00	04/12/2005 14:49	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Received: 03/30/2005 15:05

Conoco Phillips #4320

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-10	Lab ID:	2005-04-0021 - 4
Sampled:	03/29/2005 10:28	Extracted:	4/12/2005 15:16
Matrix:	Water	QC Batch#:	2005/04/12-1B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/12/2005 15:16	
Methyl tert-butyl ether (MTBE)	18	0.50	ug/L	1.00	04/12/2005 15:16	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	04/12/2005 15:16	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	04/12/2005 15:16	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	04/12/2005 15:16	
1,2-DCA	ND	0.50	ug/L	1.00	04/12/2005 15:16	
EDB	ND	0.50	ug/L	1.00	04/12/2005 15:16	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	93.2	73-130	%	1.00	04/12/2005 15:16	
Toluene-d8	96.5	81-114	%	1.00	04/12/2005 15:16	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine  
Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	<b>MW-6</b>	Lab ID:	2005-04-0021 - 5
Sampled:	03/29/2005 09:29	Extracted:	4/12/2005 15:42
Matrix:	Water	QC Batch#:	2005/04/12-1B.62

Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	21	10	ug/L	2.00	04/12/2005 15:42	
Methyl tert-butyl ether (MTBE)	130	1.0	ug/L	2.00	04/12/2005 15:42	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	2.00	04/12/2005 15:42	
Ethyl tert-butyl ether (ETBE)	ND	1.0	ug/L	2.00	04/12/2005 15:42	
tert-Amyl methyl ether (TAME)	ND	1.0	ug/L	2.00	04/12/2005 15:42	
1,2-DCA	ND	1.0	ug/L	2.00	04/12/2005 15:42	
EDB	ND	1.0	ug/L	2.00	04/12/2005 15:42	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	96.5	73-130	%	2.00	04/12/2005 15:42	
Toluene-d8	107.2	81-114	%	2.00	04/12/2005 15:42	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW-5

Lab ID: 2005-04-0021 - 6

Sampled: 03/29/2005 09:42

Extracted: 4/12/2005 16:08

Matrix: Water

QC Batch#: 2005/04/12-1B.62

Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	19	10	ug/L	2.00	04/12/2005 16:08	
Methyl tert-butyl ether (MTBE)	150	1.0	ug/L	2.00	04/12/2005 16:08	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	2.00	04/12/2005 16:08	
Ethyl tert-butyl ether (ETBE)	ND	1.0	ug/L	2.00	04/12/2005 16:08	
tert-Amyl methyl ether (TAME)	ND	1.0	ug/L	2.00	04/12/2005 16:08	
1,2-DCA	ND	1.0	ug/L	2.00	04/12/2005 16:08	
EDB	ND	1.0	ug/L	2.00	04/12/2005 16:08	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	96.7	73-130	%	2.00	04/12/2005 16:08	
Toluene-d8	97.1	81-114	%	2.00	04/12/2005 16:08	

## Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine  
Attn.: Anju Farfan

21 Technology Drive  
Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/04/12-1B.62

MB: 2005/04/12-1B.62-027

Date Extracted: 04/12/2005 09:27

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/12/2005 09:27	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/12/2005 09:27	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	04/12/2005 09:27	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	04/12/2005 09:27	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	04/12/2005 09:27	
1,2-DCA	ND	0.5	ug/L	04/12/2005 09:27	
EDB	ND	0.5	ug/L	04/12/2005 09:27	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	89.6	73-130	%	04/12/2005 09:27	
Toluene-d8	96.4	81-114	%	04/12/2005 09:27	

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine  
Attn.: Anju Farfan

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Irvine, CA 92718  
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike****Water****QC Batch # 2005/04/12-1B-62**

LCS 2005/04/12-1B-62-004

Extracted: 04/12/2005

Analyzed: 04/12/2005 07:04

LCSD

Compound	Conc.	ug/L	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.3		25	85.2			65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	425		500	85.0			73-130			
Toluene-d8	490		500	98.0			81-114			

**Gas/BTEX Fuel Oxygenates by 8260B**

TRC Alton Geoscience- Irvine  
Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )****Water****QC Batch # 2005/04/12-1B.62****MS/MSD**

Lab ID: 2005-04-0170 - 002

MS: 2005/04/12-1B.62-053

Extracted: 04/12/2005

Analyzed: 04/12/2005 10:53

MSD: 2005/04/12-1B.62-019

Extracted: 04/12/2005

Dilution: 1.00

Analyzed: 04/12/2005 11:19

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	29.4	26.2	ND	25	117.6	104.8	11.5	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	418	412		500	83.6	82.4		73-130			
Toluene-d8	485	490		500	97.0	98.0		81-114			

**Gas/BTEX Fuel Oxygenates by 8260B**

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Attn.: Anju Farfan

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Project: 41050001FA20  
Conoco Phillips #4320

Received: 03/30/2005 15:05

Site: 370 Sebastopol Rd. Santa rosa

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**Legend and Notes**

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present  
in the sample.

**STL-San Francisco**

1220 Quarry Lane  
Pleasanton, CA 94568

(925) 464-1913 (925) 484-1095 Fax

**ConocoPhillips Site Manager:**  
**INVOICE REMITTANCE ADDRESS:**

CONOCOPHILIPS  
Attn: Dee Hutchinson  
361 South Harbor, Suite 200  
Santa Ana, CA 92704

**CONSOLIDATING COMPANY:**

ConocoPhillips Work Order Number:

12457RC501

DATE: 3-29-05

PAGE: 1 of 2

DISCUSSION:

TO 6001700199

CONOCOPHILIPS SITE MANAGER:

Thomas Rose /

LAB USE ONLY

Sample No.:

Sample Date:

Phone No.:

Name:

Lab Use Only

Sample ID:

Date:

Time:

No. of Cont.

Comments:

or PID Readings

or Laboratory Notes

TEMPERATURE ON FIELD:

°C

°F

WATER LEVEL:

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## STL San Francisco

1220 Quarry Lane  
Pleasanton, CA 94566  
(925) 464-1919 (925) 484-1098 fax

## ConocoPhillips Site Manager:

## INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS

Ain, Dee Hutchinson

3611 South Harbor, Suite 200

Santa Ana, CA, 92704

DATE 3/29/03

PAGE 2 of 2

GLOBAL ID:

1246TRCS01

ConocoPhillips Case Object

TRC	41050001FA20	41050001FA20	Peter Thomson, TRC	969-341-7408	370 Sebestopol Rd, Santa Cruz, CA LIVE USE ONLY	GLOBAL ID: TB609700199			
ADDRESS:		CONOCOPHILLIPS SITE MANAGER		RECEIVED BY CONOCOPHILLIPS		CONOCOPHILLIPS SITE MANAGER			
21 Technology Drs., Incline CA 932610		Peter Thomson, TRC							
MOBILITY CONTRACT NUMBER: 0000000000000000									
Anju Farfan									
TELEPHONE: 919-311-7440									
FAX: 919-755-3111									
EMAIL ADDRESS: <i>anju.farfan@trcsolutions.com</i>									
CONSULTANT PROJECT NUMBER:									
TOOK AND TIME (CALENDAR DAY):									
<input type="checkbox"/> 4 days <input type="checkbox"/> 7 days <input checked="" type="checkbox"/> 14 days <input type="checkbox"/> 21 days <input type="checkbox"/> 28 days <input type="checkbox"/> 35 days <input type="checkbox"/> 42 days <input type="checkbox"/> 49 days <input type="checkbox"/> 56 days <input type="checkbox"/> 63 days <input type="checkbox"/> 70 days <input type="checkbox"/> 77 days <input type="checkbox"/> 84 days <input type="checkbox"/> 91 days <input type="checkbox"/> 98 days <input type="checkbox"/> 105 days <input type="checkbox"/> 112 days <input type="checkbox"/> 119 days <input type="checkbox"/> 126 days <input type="checkbox"/> 133 days <input type="checkbox"/> 140 days <input type="checkbox"/> 147 days <input type="checkbox"/> 154 days <input type="checkbox"/> 161 days <input type="checkbox"/> 168 days <input type="checkbox"/> 175 days <input type="checkbox"/> 182 days <input type="checkbox"/> 189 days <input type="checkbox"/> 196 days <input type="checkbox"/> 203 days <input type="checkbox"/> 210 days <input type="checkbox"/> 217 days <input type="checkbox"/> 224 days <input type="checkbox"/> 231 days <input type="checkbox"/> 238 days <input type="checkbox"/> 245 days <input type="checkbox"/> 252 days <input type="checkbox"/> 259 days <input type="checkbox"/> 266 days <input type="checkbox"/> 273 days <input type="checkbox"/> 280 days <input type="checkbox"/> 287 days <input type="checkbox"/> 294 days <input type="checkbox"/> 301 days <input type="checkbox"/> 308 days <input type="checkbox"/> 315 days <input type="checkbox"/> 322 days <input type="checkbox"/> 329 days <input type="checkbox"/> 336 days <input type="checkbox"/> 343 days <input type="checkbox"/> 350 days <input type="checkbox"/> 357 days <input type="checkbox"/> 364 days <input type="checkbox"/> 371 days <input type="checkbox"/> 378 days <input type="checkbox"/> 385 days <input type="checkbox"/> 392 days <input type="checkbox"/> 399 days <input type="checkbox"/> 406 days <input type="checkbox"/> 413 days <input type="checkbox"/> 420 days <input type="checkbox"/> 427 days <input type="checkbox"/> 434 days <input type="checkbox"/> 441 days <input type="checkbox"/> 448 days <input type="checkbox"/> 455 days <input type="checkbox"/> 462 days <input type="checkbox"/> 469 days <input type="checkbox"/> 476 days <input type="checkbox"/> 483 days <input type="checkbox"/> 490 days <input type="checkbox"/> 497 days <input type="checkbox"/> 504 days <input type="checkbox"/> 511 days <input type="checkbox"/> 518 days <input type="checkbox"/> 525 days <input type="checkbox"/> 532 days <input type="checkbox"/> 539 days <input type="checkbox"/> 546 days <input type="checkbox"/> 553 days <input type="checkbox"/> 560 days <input type="checkbox"/> 567 days <input type="checkbox"/> 574 days <input type="checkbox"/> 581 days <input type="checkbox"/> 588 days <input type="checkbox"/> 595 days <input type="checkbox"/> 602 days <input type="checkbox"/> 609 days <input type="checkbox"/> 616 days <input type="checkbox"/> 623 days <input type="checkbox"/> 630 days <input type="checkbox"/> 637 days <input type="checkbox"/> 644 days <input type="checkbox"/> 651 days <input type="checkbox"/> 658 days <input type="checkbox"/> 665 days <input type="checkbox"/> 672 days <input type="checkbox"/> 679 days <input type="checkbox"/> 686 days <input type="checkbox"/> 693 days <input type="checkbox"/> 616M - TPH Extractable									
SPECIAL INSTRUCTIONS OR NOTES:		CHECK BOX IF ONE IS FECTED: <input checked="" type="checkbox"/>							
TOOK AND TIME (CALENDAR DAY):		<input type="checkbox"/> 4 days <input type="checkbox"/> 7 days <input type="checkbox"/> 14 days <input type="checkbox"/> 21 days <input type="checkbox"/> 28 days <input type="checkbox"/> 35 days <input type="checkbox"/> 42 days <input type="checkbox"/> 49 days <input type="checkbox"/> 56 days <input type="checkbox"/> 63 days <input type="checkbox"/> 70 days <input type="checkbox"/> 77 days <input type="checkbox"/> 84 days <input type="checkbox"/> 91 days <input type="checkbox"/> 98 days <input type="checkbox"/> 105 days <input type="checkbox"/> 112 days <input type="checkbox"/> 119 days <input type="checkbox"/> 126 days <input type="checkbox"/> 133 days <input type="checkbox"/> 140 days <input type="checkbox"/> 147 days <input type="checkbox"/> 154 days <input type="checkbox"/> 161 days <input type="checkbox"/> 168 days <input type="checkbox"/> 175 days <input type="checkbox"/> 182 days <input type="checkbox"/> 189 days <input type="checkbox"/> 196 days <input type="checkbox"/> 203 days <input type="checkbox"/> 210 days <input type="checkbox"/> 217 days <input type="checkbox"/> 224 days <input type="checkbox"/> 231 days <input type="checkbox"/> 238 days <input type="checkbox"/> 245 days <input type="checkbox"/> 252 days <input type="checkbox"/> 259 days <input type="checkbox"/> 266 days <input type="checkbox"/> 273 days <input type="checkbox"/> 280 days <input type="checkbox"/> 287 days <input type="checkbox"/> 294 days <input type="checkbox"/> 301 days <input type="checkbox"/> 308 days <input type="checkbox"/> 315 days <input type="checkbox"/> 322 days <input type="checkbox"/> 329 days <input type="checkbox"/> 336 days <input type="checkbox"/> 343 days <input type="checkbox"/> 350 days <input type="checkbox"/> 357 days <input type="checkbox"/> 364 days <input type="checkbox"/> 371 days <input type="checkbox"/> 378 days <input type="checkbox"/> 385 days <input type="checkbox"/> 392 days <input type="checkbox"/> 399 days <input type="checkbox"/> 406 days <input type="checkbox"/> 413 days <input type="checkbox"/> 420 days <input type="checkbox"/> 427 days <input type="checkbox"/> 434 days <input type="checkbox"/> 441 days <input type="checkbox"/> 448 days <input type="checkbox"/> 455 days <input type="checkbox"/> 462 days <input type="checkbox"/> 469 days <input type="checkbox"/> 476 days <input type="checkbox"/> 483 days <input type="checkbox"/> 490 days <input type="checkbox"/> 497 days <input type="checkbox"/> 504 days <input type="checkbox"/> 511 days <input type="checkbox"/> 518 days <input type="checkbox"/> 525 days <input type="checkbox"/> 532 days <input type="checkbox"/> 539 days <input type="checkbox"/> 546 days <input type="checkbox"/> 553 days <input type="checkbox"/> 560 days <input type="checkbox"/> 567 days <input type="checkbox"/> 574 days <input type="checkbox"/> 581 days <input type="checkbox"/> 588 days <input type="checkbox"/> 595 days <input type="checkbox"/> 602 days <input type="checkbox"/> 609 days <input type="checkbox"/> 616 days <input type="checkbox"/> 623 days <input type="checkbox"/> 630 days <input type="checkbox"/> 637 days <input type="checkbox"/> 644 days <input type="checkbox"/> 651 days <input type="checkbox"/> 658 days <input type="checkbox"/> 665 days <input type="checkbox"/> 672 days <input type="checkbox"/> 679 days <input type="checkbox"/> 686 days <input type="checkbox"/> 693 days <input type="checkbox"/> 616M - TPH Extractable							
Field Point name only required if different from Sample ID		Sample Identification Field Point		SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF SIGHTS	TEMPERATURE (IN DEG C)	TIME
MW-1		MW-1		3/21	18:21	CW	6	2	3:30 PM
MW-2		MW-2		3/21	18:21	CW	6	2	3:30 PM
MW-3		MW-3		3/21	18:21	CW	6	2	3:30 PM
MW-4		MW-4		3/21	18:21	CW	6	2	3:30 PM
MW-5		MW-5		3/21	18:21	CW	6	2	3:30 PM
MW-6		MW-6		3/21	18:21	CW	6	2	3:30 PM
MW-7		MW-7		3/21	18:21	CW	6	2	3:30 PM
MW-8		MW-8		3/21	18:21	CW	6	2	3:30 PM
MW-9		MW-9		3/21	18:21	CW	6	2	3:30 PM
MW-10		MW-10		3/21	18:21	CW	6	2	3:30 PM
MW-11		MW-11		3/21	18:21	CW	6	2	3:30 PM
MW-12		MW-12		3/21	18:21	CW	6	2	3:30 PM
MW-13		MW-13		3/21	18:21	CW	6	2	3:30 PM
MW-14		MW-14		3/21	18:21	CW	6	2	3:30 PM
MW-15		MW-15		3/21	18:21	CW	6	2	3:30 PM
MW-16		MW-16		3/21	18:21	CW	6	2	3:30 PM
MW-17		MW-17		3/21	18:21	CW	6	2	3:30 PM
MW-18		MW-18		3/21	18:21	CW	6	2	3:30 PM
MW-19		MW-19		3/21	18:21	CW	6	2	3:30 PM
MW-20		MW-20		3/21	18:21	CW	6	2	3:30 PM
MW-21		MW-21		3/21	18:21	CW	6	2	3:30 PM
MW-22		MW-22		3/21	18:21	CW	6	2	3:30 PM
MW-23		MW-23		3/21	18:21	CW	6	2	3:30 PM
MW-24		MW-24		3/21	18:21	CW	6	2	3:30 PM
MW-25		MW-25		3/21	18:21	CW	6	2	3:30 PM
MW-26		MW-26		3/21	18:21	CW	6	2	3:30 PM
MW-27		MW-27		3/21	18:21	CW	6	2	3:30 PM
MW-28		MW-28		3/21	18:21	CW	6	2	3:30 PM
MW-29		MW-29		3/21	18:21	CW	6	2	3:30 PM
MW-30		MW-30		3/21	18:21	CW	6	2	3:30 PM
MW-31		MW-31		3/21	18:21	CW	6	2	3:30 PM
MW-32		MW-32		3/21	18:21	CW	6	2	3:30 PM
MW-33		MW-33		3/21	18:21	CW	6	2	3:30 PM
MW-34		MW-34		3/21	18:21	CW	6	2	3:30 PM
MW-35		MW-35		3/21	18:21	CW	6	2	3:30 PM
MW-36		MW-36		3/21	18:21	CW	6	2	3:30 PM
MW-37		MW-37		3/21	18:21	CW	6	2	3:30 PM
MW-38		MW-38		3/21	18:21	CW	6	2	3:30 PM
MW-39		MW-39		3/21	18:21	CW	6	2	3:30 PM
MW-40		MW-40		3/21	18:21	CW	6	2	3:30 PM
MW-41		MW-41		3/21	18:21	CW	6	2	3:30 PM
MW-42		MW-42		3/21	18:21	CW	6	2	3:30 PM
MW-43		MW-43		3/21	18:21	CW	6	2	3:30 PM
MW-44		MW-44		3/21	18:21	CW	6	2	3:30 PM
MW-45		MW-45		3/21	18:21	CW	6	2	3:30 PM
MW-46		MW-46		3/21	18:21	CW	6	2	3:30 PM
MW-47		MW-47		3/21	18:21	CW	6	2	3:30 PM
MW-48		MW-48		3/21	18:21	CW	6	2	3:30 PM
MW-49		MW-49		3/21	18:21	CW	6	2	3:30 PM
MW-50		MW-50		3/21	18:21	CW	6	2	3:30 PM
MW-51		MW-51		3/21	18:21	CW	6	2	3:30 PM
MW-52		MW-52		3/21	18:21	CW	6	2	3:30 PM
MW-53		MW-53		3/21	18:21	CW	6	2	3:30 PM
MW-54		MW-54		3/21	18:21	CW	6	2	3:30 PM
MW-55		MW-55		3/21	18:21	CW	6	2	3:30 PM
MW-56		MW-56		3/21	18:21	CW	6	2	3:30 PM
MW-57		MW-57		3/21	18:21	CW	6	2	3:30 PM
MW-58		MW-58		3/21	18:21	CW	6	2	3:30 PM
MW-59		MW-59		3/21	18:21	CW	6	2	3:30 PM
MW-60		MW-60		3/21	18:21	CW	6	2	3:30 PM
MW-61		MW-61		3/21	18:21	CW	6	2	3:30 PM
MW-62		MW-62		3/21	18:21	CW	6	2	3:30 PM
MW-63		MW-63		3/21	18:21	CW	6	2	3:30 PM
MW-64		MW-64		3/21	18:21	CW	6	2	3:30 PM
MW-65		MW-65		3/21	18:21	CW	6	2	3:30 PM
MW-66		MW-66		3/21	18:21	CW	6	2	3:30 PM
MW-67		MW-67		3/21	18:21	CW	6	2	3:30 PM
MW-68		MW-68		3/21	18:21	CW	6	2	3:30 PM
MW-69		MW-69		3/21	18:21	CW	6	2	3:30 PM
MW-70		MW-70		3/21	18:21	CW	6	2	3:30 PM
MW-71		MW-71		3/21	18:21	CW	6	2	3:30 PM
MW-72		MW-72		3/21	18:21	CW	6	2	3:30 PM
MW-73		MW-73		3/21	18:21	CW	6	2	3:30 PM
MW-74		MW-74		3/21	18:21	CW	6	2	3:30 PM
MW-75		MW-75		3/21	18:21	CW	6	2	3:30 PM
MW-76		MW-76		3/21	18:21	CW	6	2	3:30 PM
MW-77		MW-77		3/21	18:21	CW	6	2	3:30 PM
MW-78		MW-78		3/21	18:21	CW	6	2	3:30 PM
MW-79		MW-79		3/21	18:21	CW	6	2	3:30 PM
MW-80		MW-80		3/21	18:21	CW	6	2	3:30 PM
MW-81		MW-81		3/21	18:21	CW	6	2	3:30 PM
MW-82		MW-82		3/21	18:21	CW	6	2	3:30 PM
MW-83		MW-83		3/21	18:21	CW	6	2	3:30 PM
MW-84		MW-84		3/21	18:21	CW	6	2	3:30 PM
MW-85		MW-85		3/21	18:21	CW	6	2	3:30 PM
MW-86		MW-86		3/21	18:21	CW	6	2	3:30 PM
MW-87		MW-87		3/21	18:21	CW	6	2	3:30 PM
MW-88		MW-88		3/21	18:21	CW	6	2	3:30 PM
MW-89		MW-89		3/21	18:21	CW	6	2	3:30 PM
MW-90		MW-90		3/21	18:21	CW	6	2	3:30 PM
MW-91		MW-91		3/21	18:21	CW	6	2	3:30 PM
MW-92		MW-92		3/21	18:21	CW	6	2	3:30 PM
MW-93		MW-93		3/21	18:21	CW	6	2	3:30 PM
MW-94		MW-94		3/21	18:21	CW	6	2	3:30 PM
MW-95		MW-95		3/21	18:21	CW	6	2	3:30 PM
MW-96		MW-96		3/21	18:21	CW	6	2	3:30 PM
MW-97		MW-97		3/21	18:21	CW	6	2	3:30 PM
MW-98		MW-98		3/21	18:21	CW	6	2	3:30 PM
MW-99		MW-99		3/21	18:21	CW	6	2	3:30 PM
MW-100		MW-100		3/21	18:21	CW	6	2	3:30 PM
MW-101		MW-101		3/21	18:21	CW	6	2	3:30 PM
MW-102		MW-102		3/21	18:21	CW	6	2	3:30 PM
MW-103		MW-103		3/21	18:21	CW	6	2	3:30 PM
MW-104		MW-104		3/21	18:21	CW	6	2	3:30 PM

## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

### **Limitations**

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.